

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109872.D
 Acq On : 13 Oct 2018 9:09
 Operator : JU/SJ
 Sample : PB113699BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:54 AM

Quant Time: Oct 15 08:04:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100227	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	375030	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	162859	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	253231	20.00	ng	0.00
75) Chrysene-d12	13.83	240	180311	20.00	ng	0.00
86) Perylene-d12	15.23	264	147931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	560422	99.25	ng	0.00
7) Phenol-d6	6.35	99	711682	94.35	ng	0.00
23) Nitrobenzene-d5	7.26	82	696372	102.36	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	150992	85.09	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1204357	101.85	ng	0.00
78) Terphenyl-d14	12.78	244	845082	90.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	95283	32.153	ng	98
3) Pyridine	3.19	79	223890	36.620	ng	99
4) n-Nitrosodimethylamine	3.14	42	104299	47.264	ng	94
6) Aniline	6.37	93	179526	20.431	ng	# 79
8) 2-Chlorophenol	6.49	128	310248	44.676	ng	100
9) Benzaldehyde	6.24	77	145930	30.064	ng	99
10) Phenol	6.36	94	353741	40.897	ng	# 77
11) bis(2-Chloroethyl)ether	6.43	93	265611	37.040	ng	98
12) 1,3-Dichlorobenzene	6.63	146	329073	41.431	ng	98
13) 1,4-Dichlorobenzene	6.71	146	360483	41.636	ng	99
14) 1,2-Dichlorobenzene	6.86	146	317112	41.705	ng	99
15) Benzyl Alcohol	6.85	79	246602	44.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	396654	41.716	ng	97
17) 2-Methylphenol	6.97	107	238019	43.342	ng	99
18) Hexachloroethane	7.20	117	121780	39.793	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	223579	42.266	ng	98
20) 3+4-Methylphenols	7.12	107	301221	44.514	ng	95
22) Acetophenone	7.11	105	448502	49.455	ng	# 99
24) Nitrobenzene	7.28	77	322981	45.623	ng	97
25) Isophorone	7.52	82	598865	53.008	ng	99
26) 2-Nitrophenol	7.60	139	153057	46.222	ng	97
27) 2,4-Dimethylphenol	7.65	122	257248	53.797	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	378654	49.551	ng	100
29) 2,4-Dichlorophenol	7.85	162	255167	47.574	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	271257	45.685	ng	99
31) Naphthalene	8.00	128	880967	50.793	ng	100
32) Benzoic acid	7.80	122	146106	42.736	ng	95
33) 4-Chloroaniline	8.06	127	66588	8.718	ng	96
34) Hexachlorobutadiene	8.12	225	167706	45.427	ng	99
35) Caprolactam	8.44	113	75482m	47.123	ng	
36) 4-Chloro-3-methylphenol	8.55	107	252799	44.651	ng	99
37) 2-Methylnaphthalene	8.69	142	557051	49.032	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	262052	47.270	ng	99
40) Hexachlorocyclopentadiene	8.84	237	75987	35.688	ng	99

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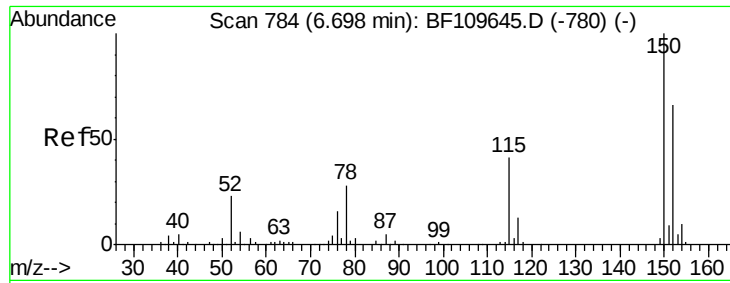
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	156450	47.208	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	179453	47.095	nq	98
45) 1,1'-Biphenyl	9.15	154	675195	46.408	nq	99
46) 2-Chloronaphthalene	9.17	162	504796	46.312	nq	97
47) 2-Nitroaniline	9.28	65	159095	48.204	nq	92
48) Acenaphthylene	9.59	152	775404	48.796	nq	99
49) Dimethylphthalate	9.46	163	610756	51.134	nq	99
50) 2,6-Dinitrotoluene	9.52	165	124453	48.068	nq	90
51) Acenaphthene	9.76	154	433713	46.041	nq	99
52) 3-Nitroaniline	9.69	138	61211	21.091	nq	99
53) 2,4-Dinitrophenol	9.80	184	42526	50.909	nq	91
54) Dibenzofuran	9.93	168	640481	45.359	nq	99
55) 4-Nitrophenol	9.87	139	114622	72.152	nq	89
56) 2,4-Dinitrotoluene	9.93	165	147071	45.518	nq	# 89
57) Fluorene	10.27	166	498597	47.283	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130760	42.215	nq	98
59) Diethylphthalate	10.15	149	582176	49.193	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	249453	44.841	nq	99
61) 4-Nitroaniline	10.30	138	95396	35.492	nq	98
62) Azobenzene	10.42	77	551198	45.866	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	29606	24.020	nq	82
65) n-Nitrosodiphenylamine	10.39	169	465594	54.236	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	150849	51.844	nq	96
67) Hexachlorobenzene	10.82	284	148349	47.084	nq	97
68) Atrazine	10.91	200	146913	54.837	nq	99
69) Pentachlorophenol	11.02	266	129318	72.940	nq	98
70) Phenanthrene	11.23	178	625002	49.319	nq	100
71) Anthracene	11.28	178	686036	52.369	nq	99
72) Carbazole	11.44	167	585460	46.079	nq	100
73) Di-n-butylphthalate	11.76	149	768658	52.161	nq	100
74) Fluoranthene	12.41	202	608146	45.936	nq	98
76) Benzidine	12.54	184	302354	45.140	nq	97
77) Pyrene	12.63	202	595751	45.096	nq	99
79) Butylbenzylphthalate	13.25	149	272141	47.514	nq	97
80) Benzo(a)anthracene	13.82	228	493372	49.584	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	177499	44.302	nq	99
82) Chrysene	13.86	228	525740	50.302	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	362356	51.855	nq	98
84) Di-n-octyl phthalate	14.42	149	634837	57.476	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	355120	47.470	nq	100
87) Benzo(b)fluoranthene	14.83	252	437793	53.553	nq	98
88) Benzo(k)fluoranthene	14.86	252	419859	51.116	nq	98
89) Benzo(a)pyrene	15.17	252	387592	52.246	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	299468	49.152	nq	98
91) Benzo(g,h,i)perylene	16.98	276	290210	47.700	nq	99

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



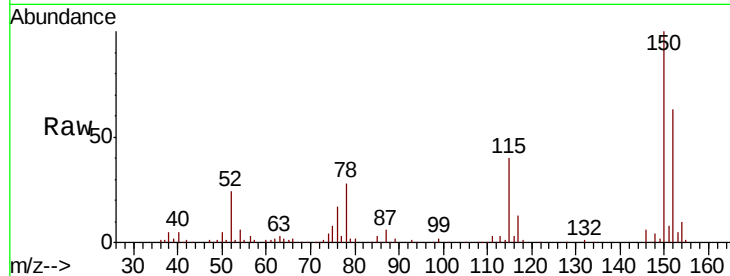
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
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 ClientSampleId :
 PB113699BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	64.0	49.1	73.7

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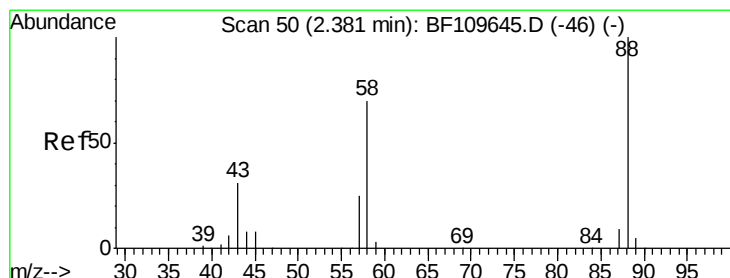
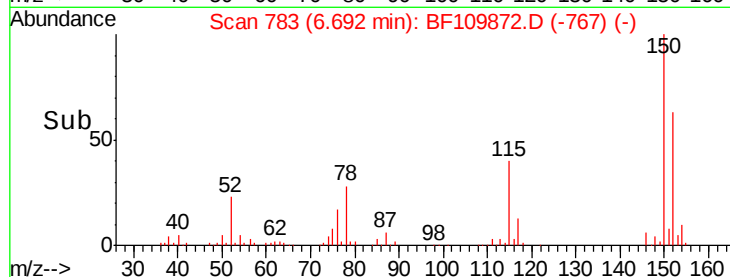
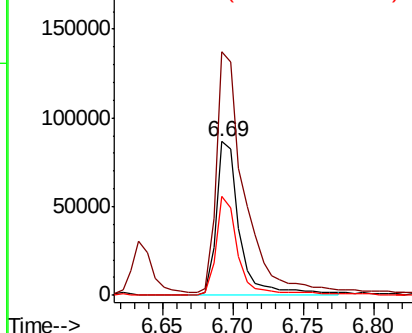


Abundance

Ion 152.00 (151.70 to 152.70): E

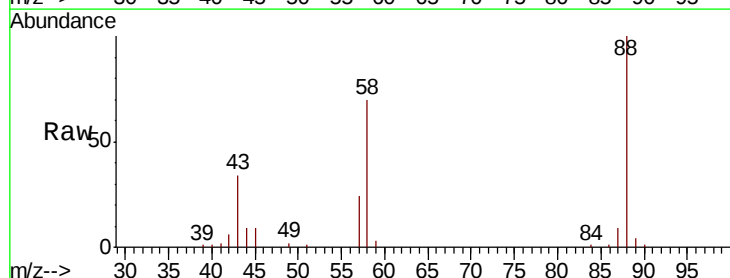
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 32.153 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.11 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	57.1	85.7
43	29.8	24.1	36.1

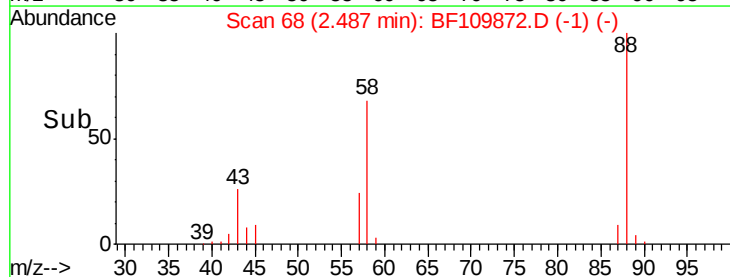
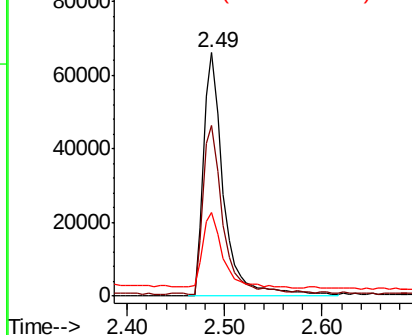


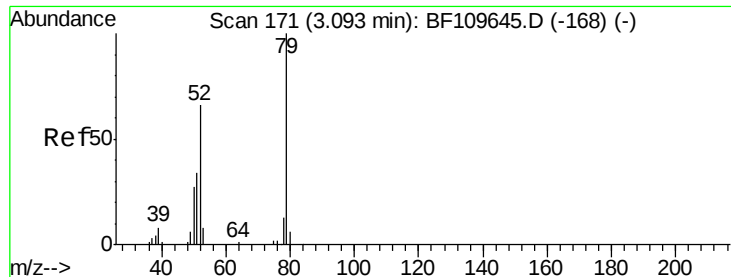
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.620 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.09 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

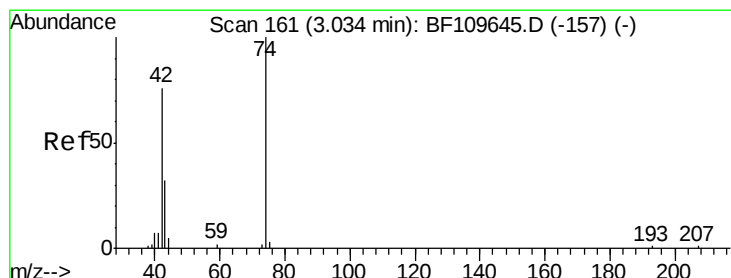
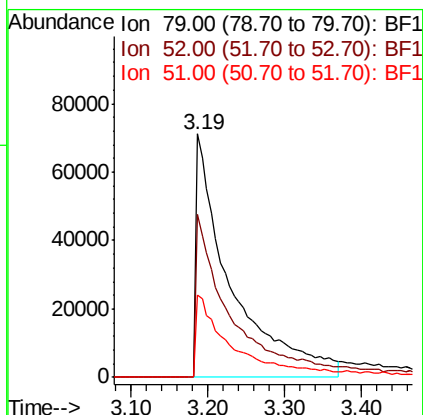
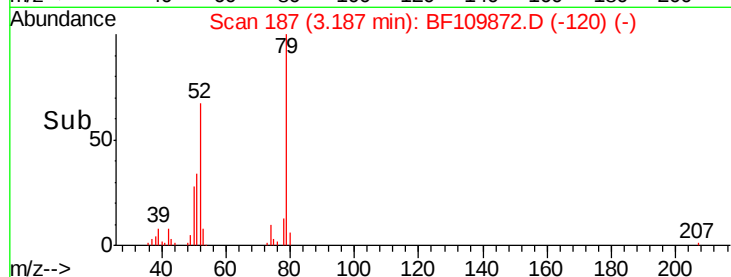
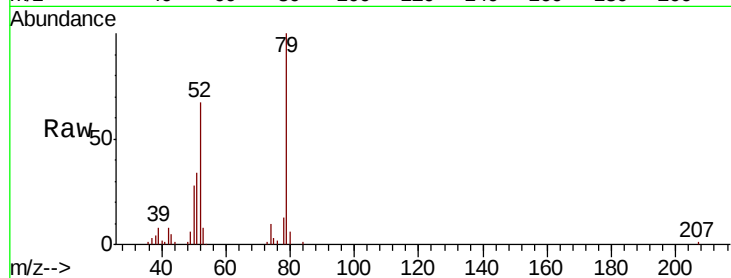
ClientSampleId :

PB113699BSD

Tot Ion:	79	Resp:	223890
Ion	Ratio	Lower	Upper
79	100		
52	67.1	53.1	79.7
51	33.6	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 47.264 ng

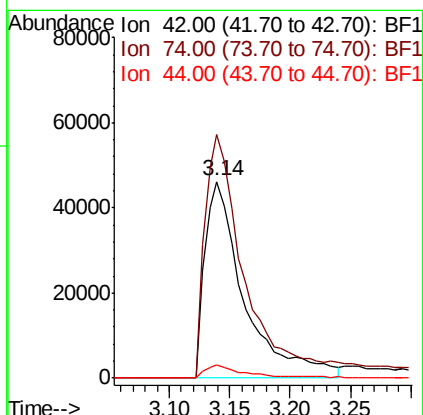
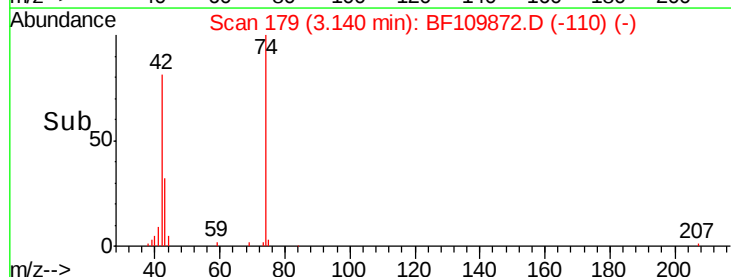
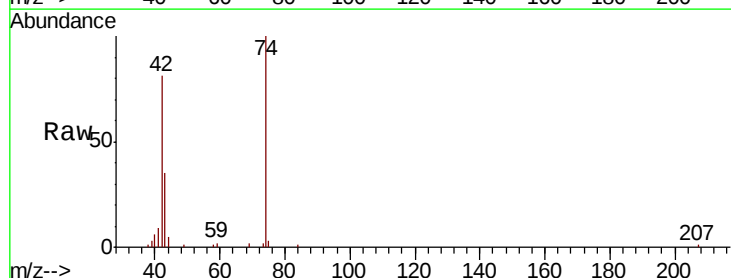
RT: 3.14 min Scan# 179

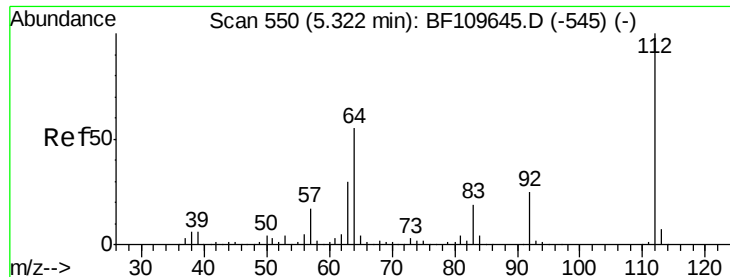
Delta R.T. 0.11 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	42	Resp:	104299
Ion	Ratio	Lower	Upper
42	100		
74	124.0	105.5	158.3
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 99.251 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

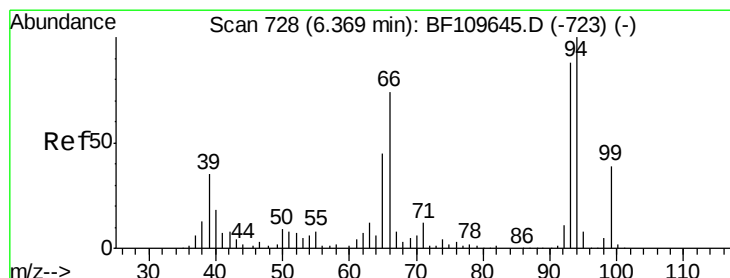
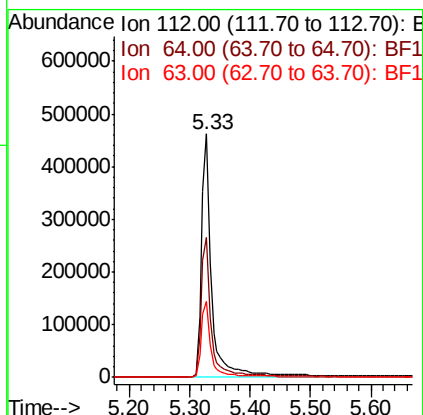
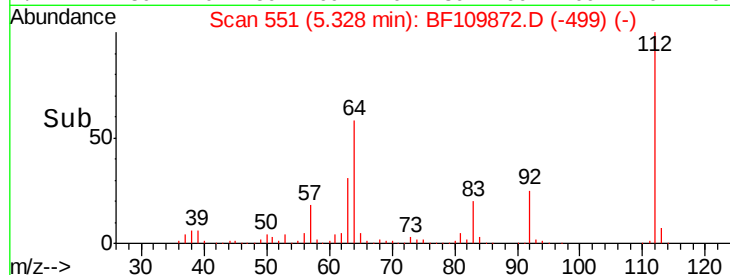
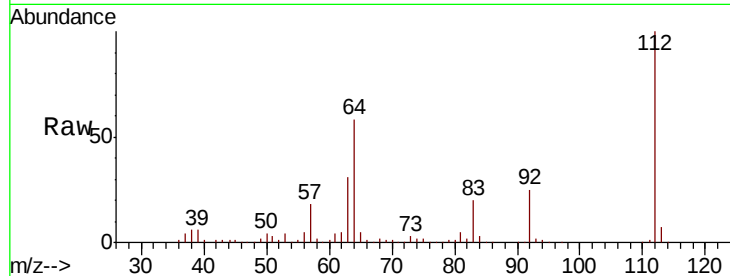
ClientSampleId :

PB113699BSD

Tot Ion:	112	Resp:	560422
Ion Ratio	Lower	Upper	
112	100		
64	57.6	44.1	66.1
63	31.3	23.7	35.5

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#6

Aniline

Concen: 20.431 ng

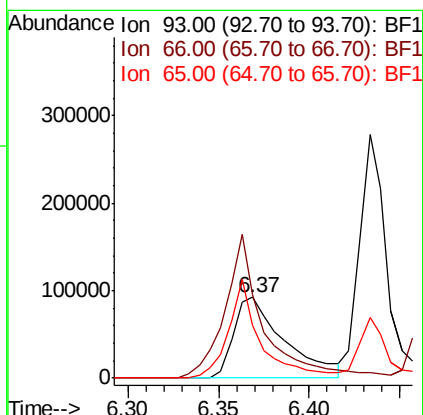
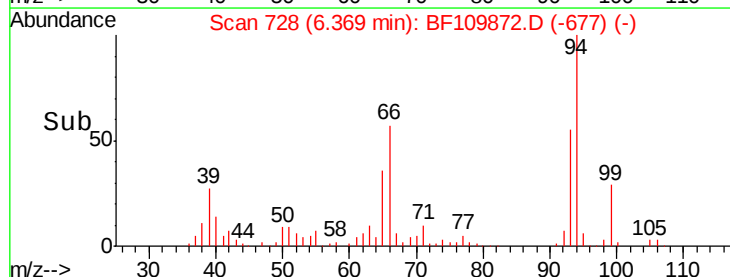
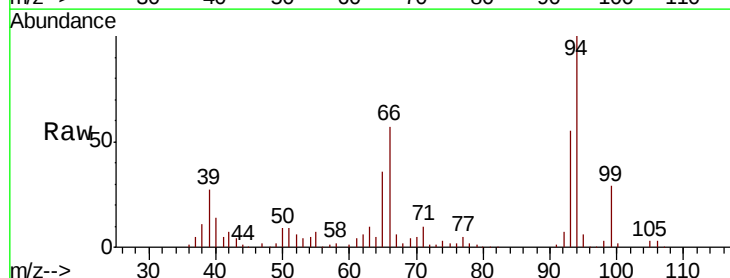
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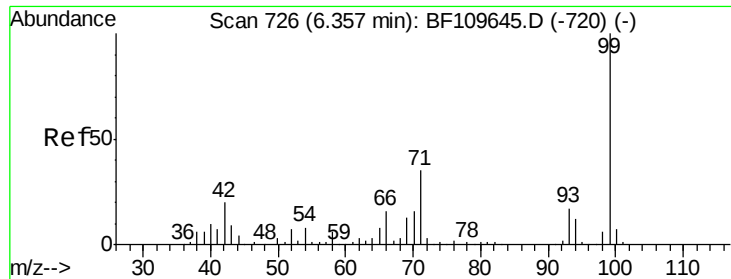
Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	93	Resp:	179526
Ion Ratio	Lower	Upper	
93	100		
66	103.5	67.4	101.0#
65	66.1	41.0	61.4#





#7

Phenol-d6

Concen: 94.349 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

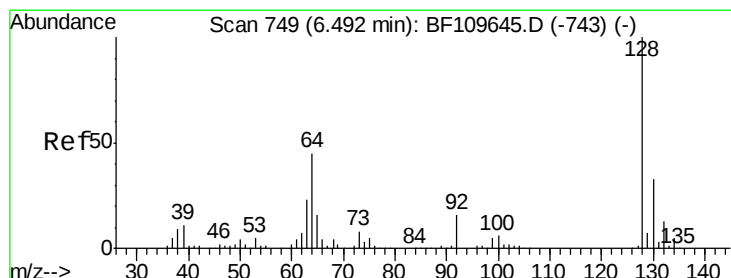
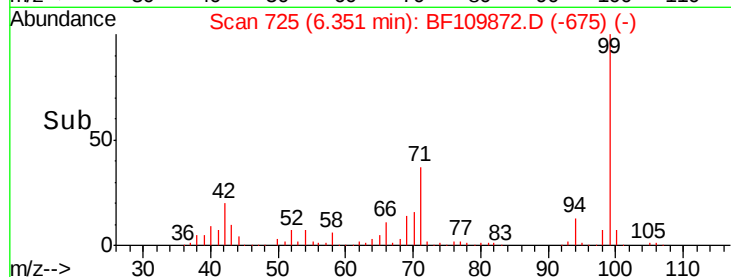
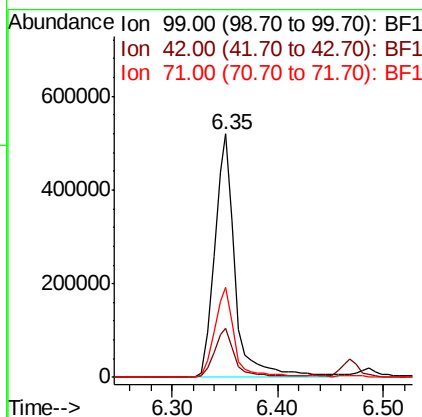
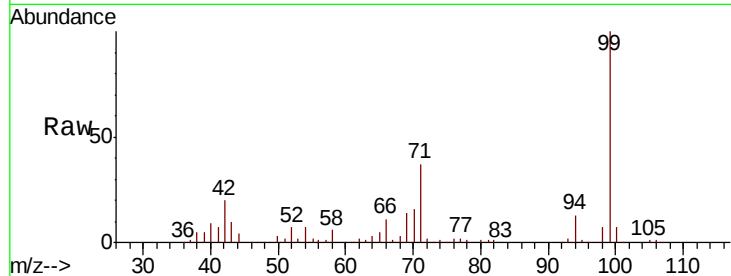
ClientSampleId :

PB113699BSD

Tot Ion	99	Resp	711682
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	37.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.676 ng

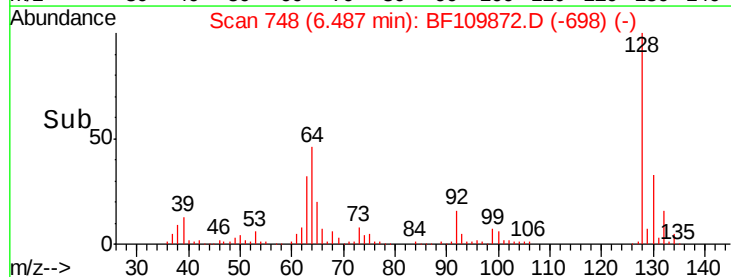
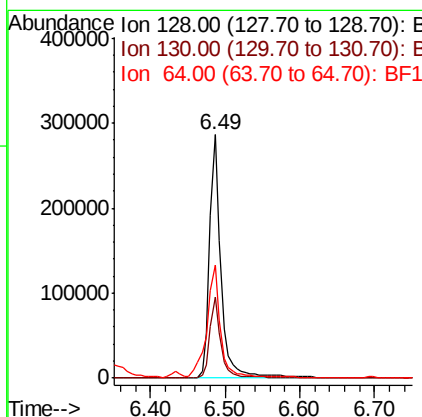
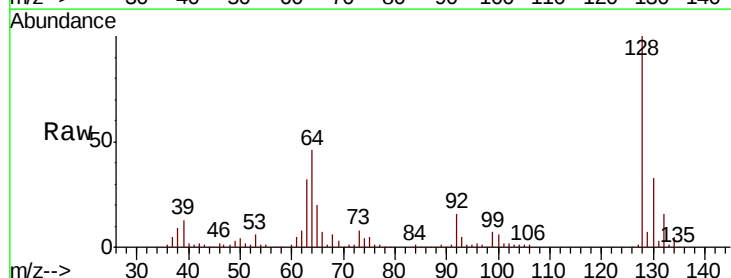
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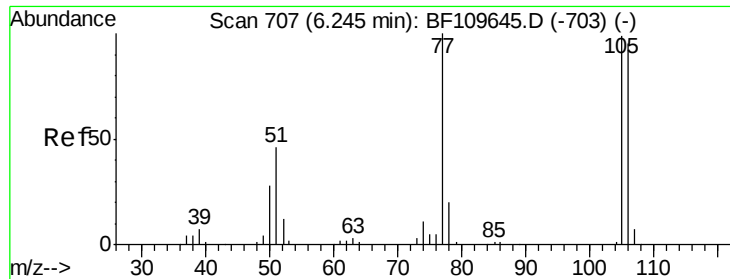
Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion	128	Resp	310248
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	46.5	26.0	66.0





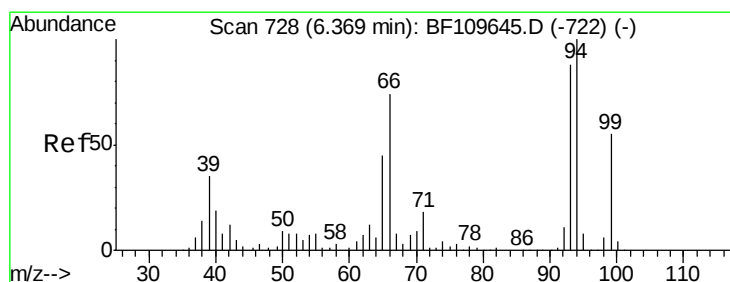
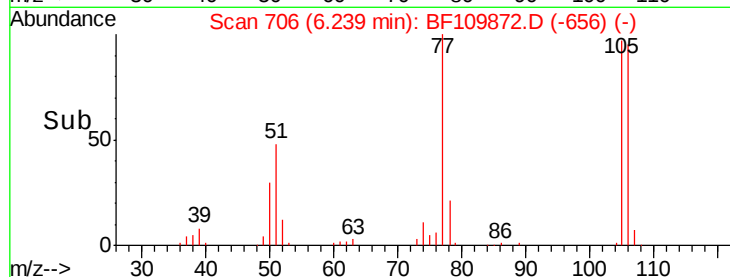
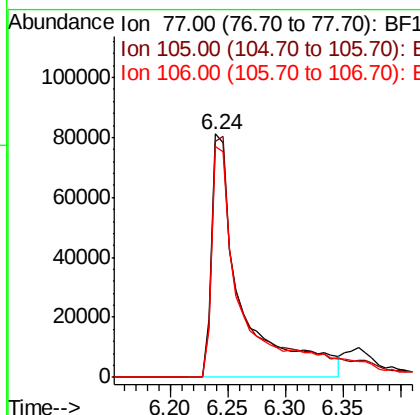
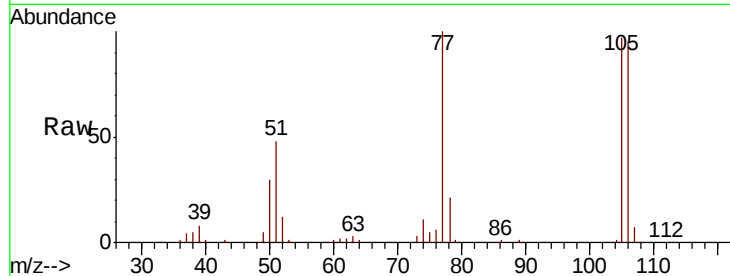
#9
Benzaldehyde
Concen: 30.064 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.0	78.6	118.6
106	95.0	74.8	114.8

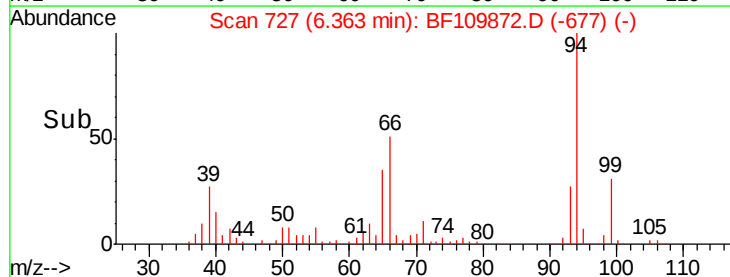
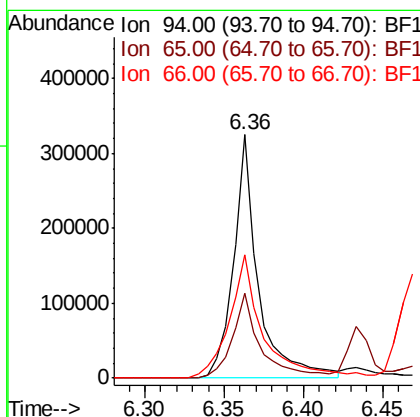
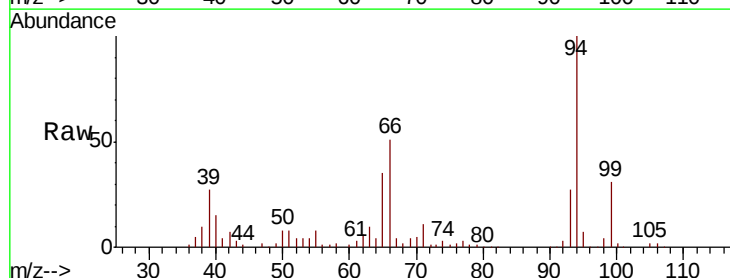
Manual Integrations
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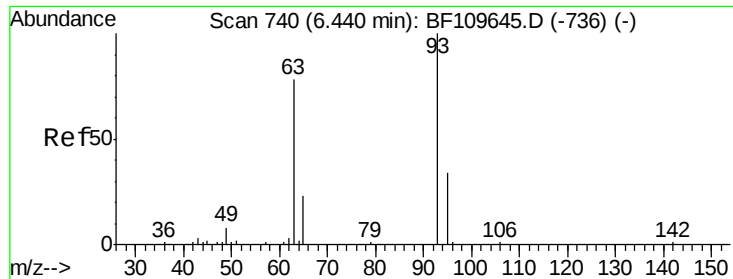
Sohil
10/15/2018 10:28:54 AM



#10
Phenol
Concen: 40.897 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.3	65.3
66	50.7	54.5	94.5#





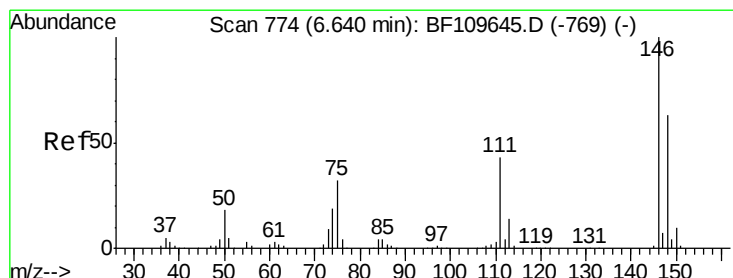
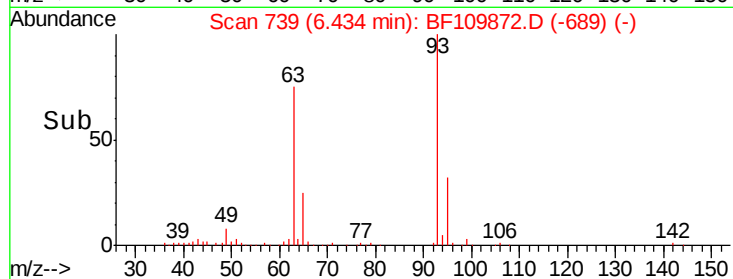
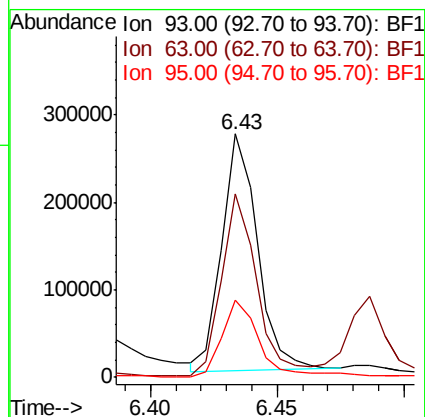
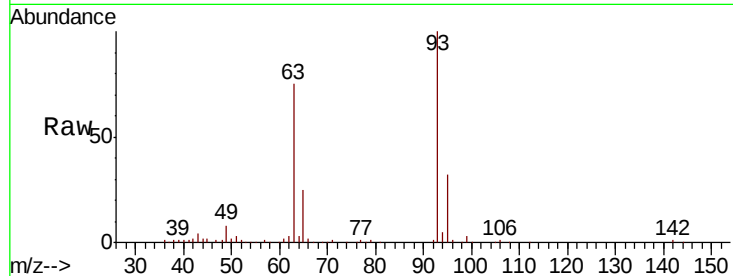
#11
bis(2-Chloroethyl)ether
Concen: 37.040 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion:	93	Resp:	265611
Ion Ratio	Lower	Upper	
93	100		
63	75.2	53.4	93.4
95	31.9	12.1	52.1

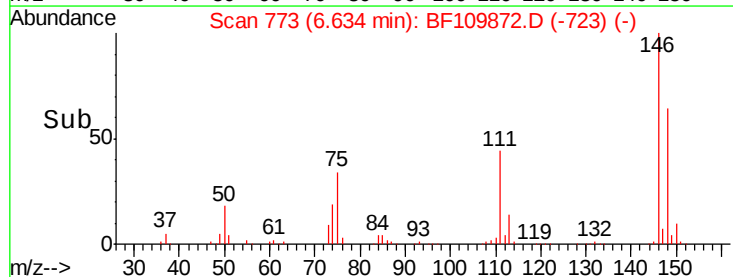
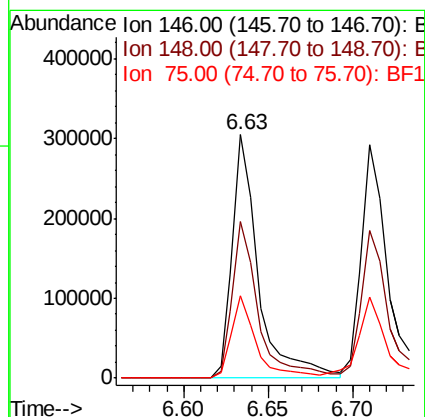
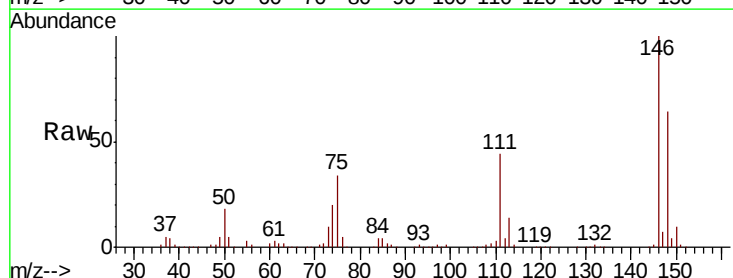
Manual Integrations
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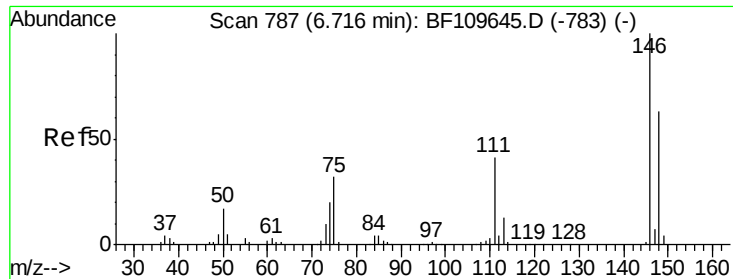
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#12
1,3-Dichlorobenzene
Concen: 41.431 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	146	Resp:	329073
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
75	33.8	25.8	38.6





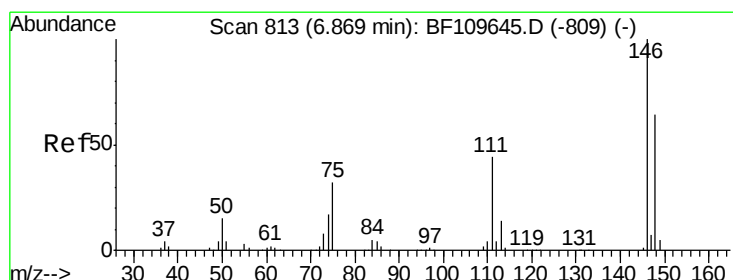
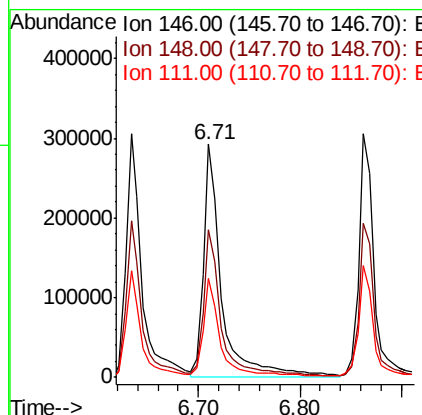
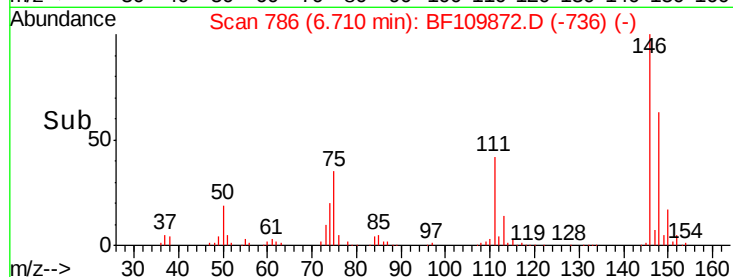
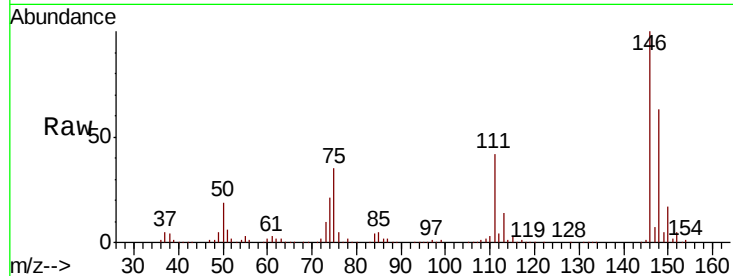
#13
1,4-Dichlorobenzene
Concen: 41.636 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
111	42.5	32.7	49.1

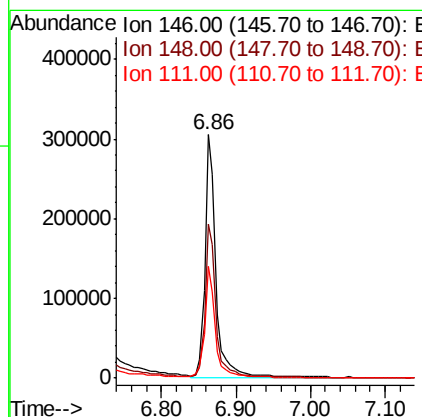
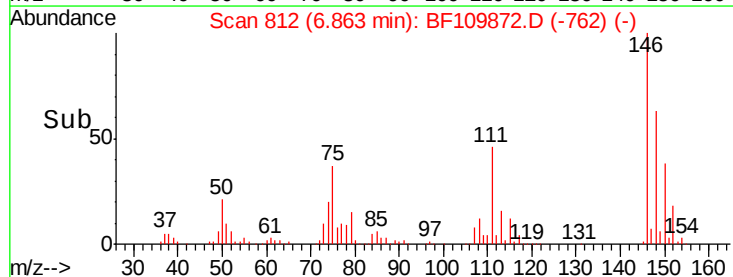
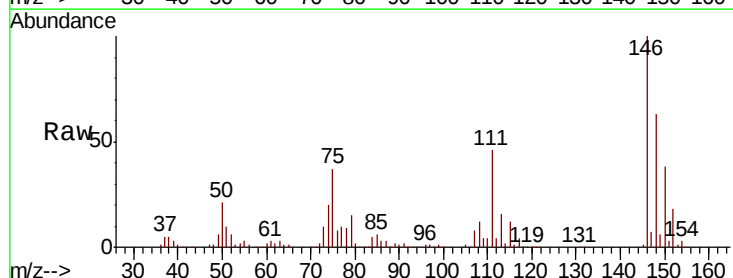
Manual Integrations
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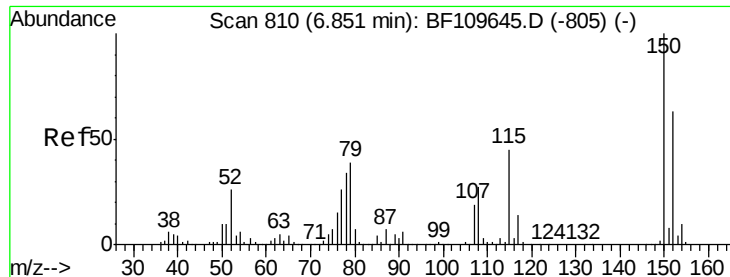
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.705 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	46.1	35.8	53.6





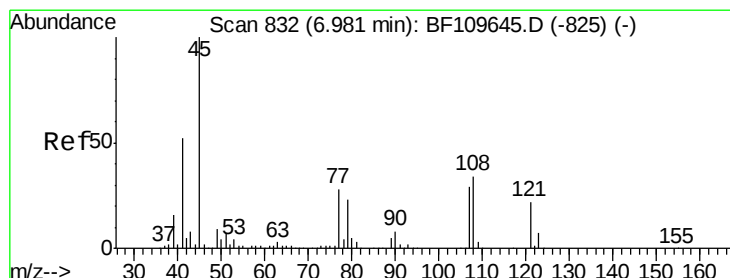
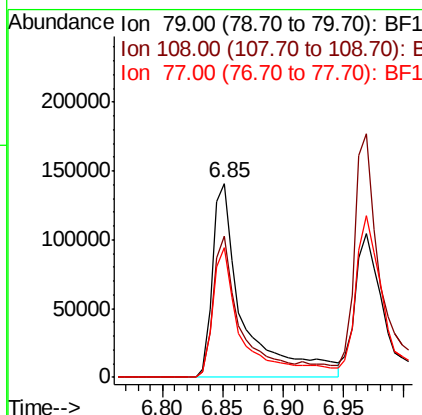
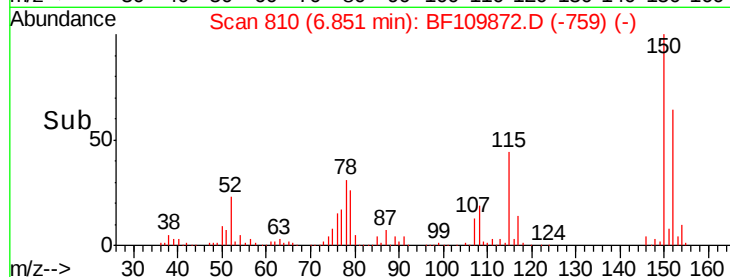
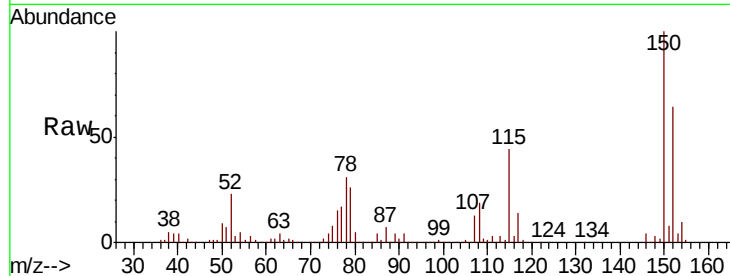
#15
Benzyl Alcohol
Concen: 44.099 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.7	56.3	84.5
77	66.8	52.9	79.3

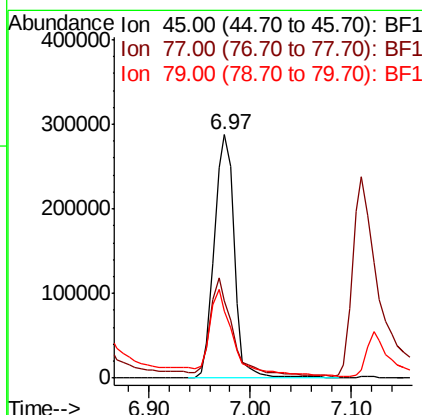
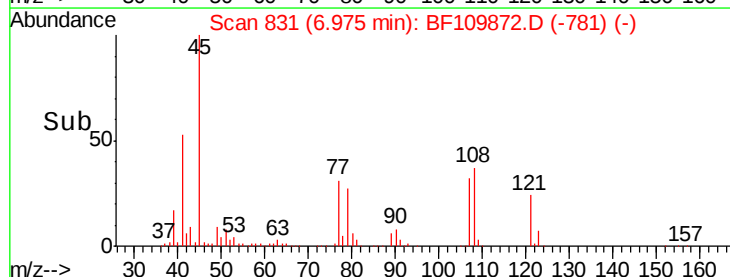
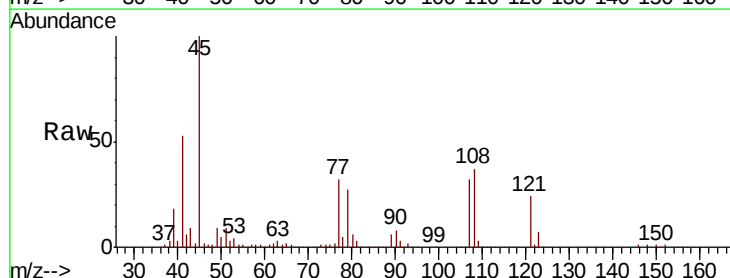
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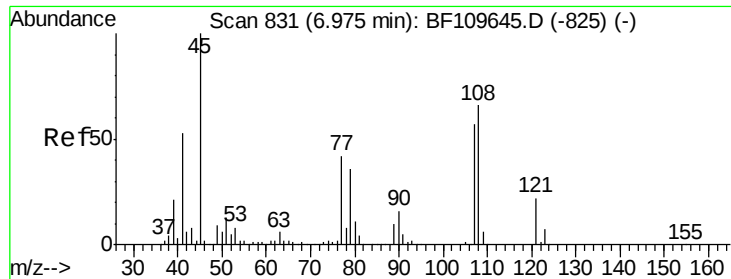
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.716 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.6	10.0	50.0
79	27.4	6.1	46.1





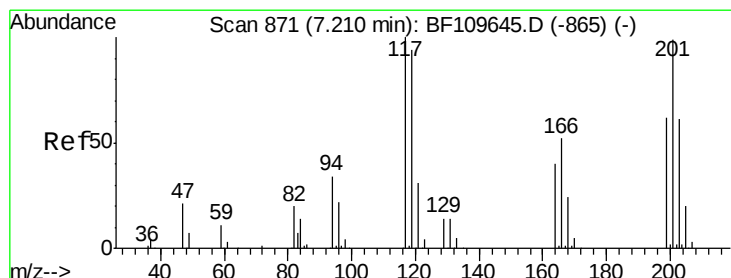
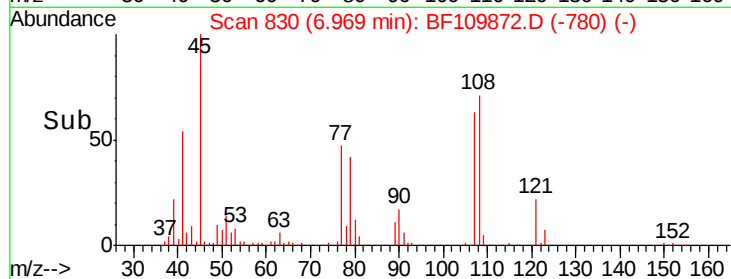
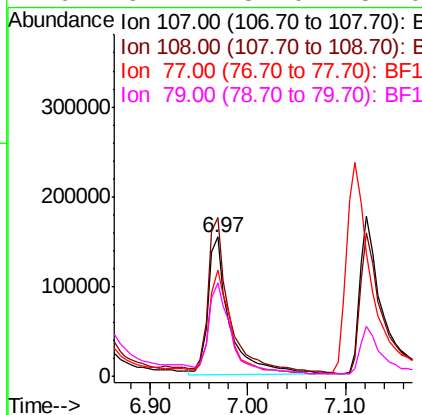
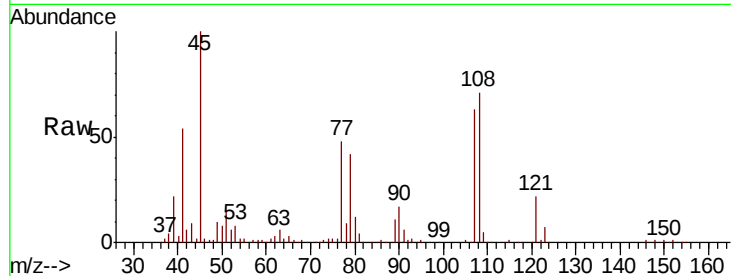
#17
2-Methylphenol
Concen: 43.342 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion:	107	Resp:	238019
Ion Ratio	Lower	Upper	
107	100		
108	114.1	92.6	138.8
77	76.0	59.4	89.2
79	67.4	54.0	81.0

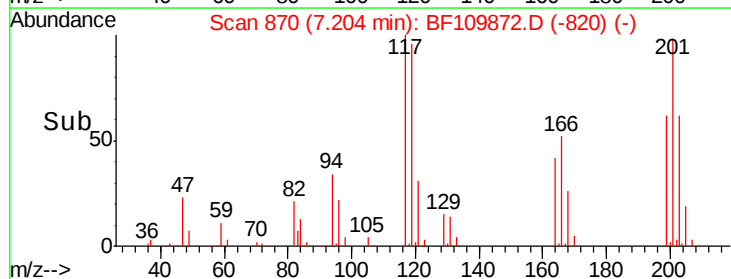
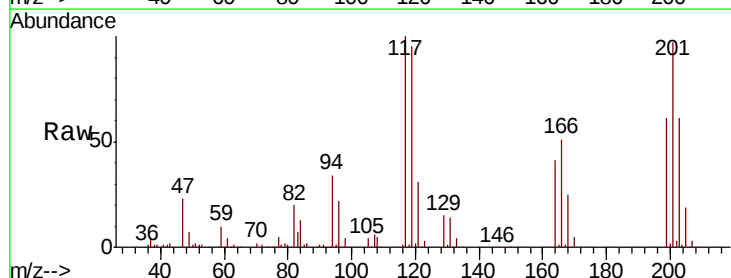
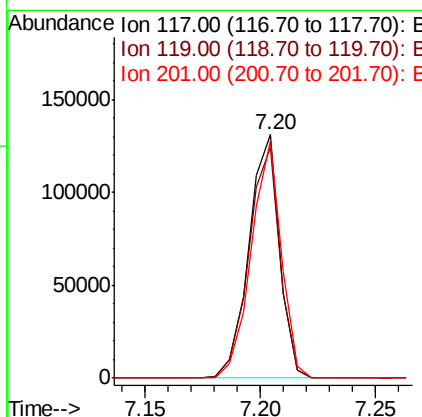
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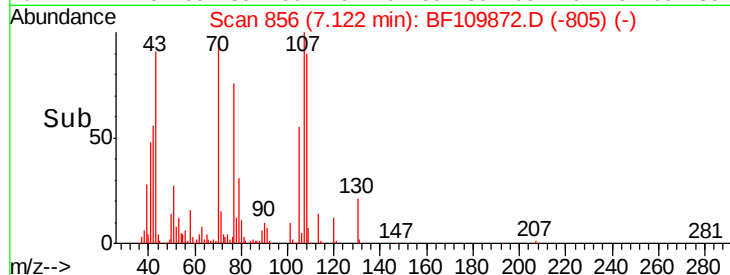
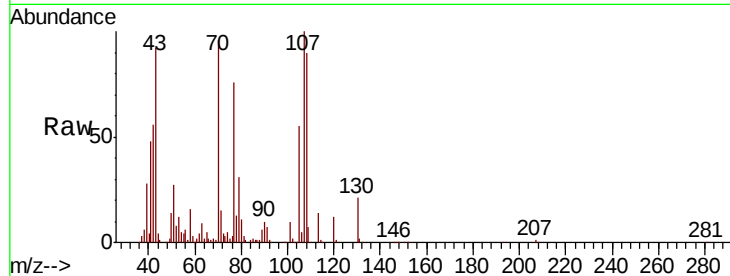
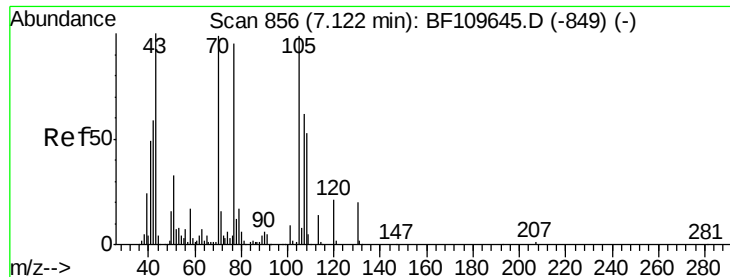
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#18
Hexachloroethane
Concen: 39.793 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	117	Resp:	121780
Ion Ratio	Lower	Upper	
117	100		
119	94.8	75.0	112.6
201	97.4	79.2	118.8





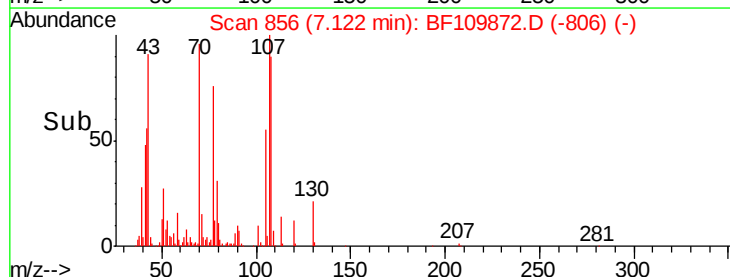
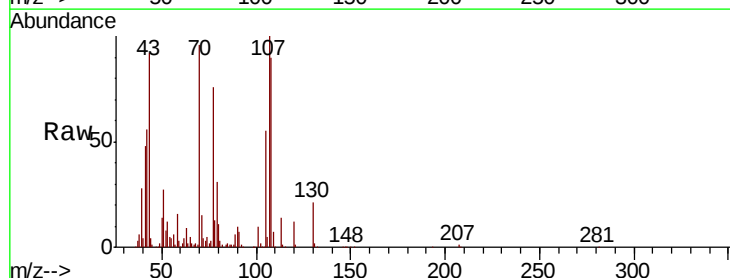
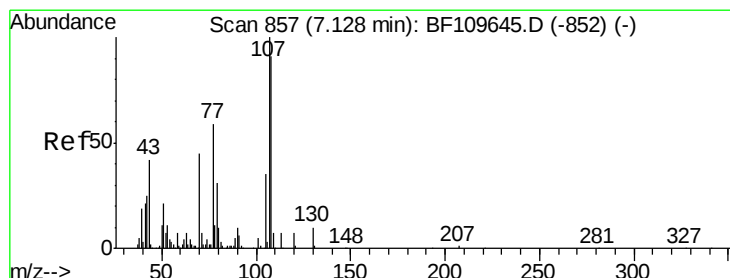
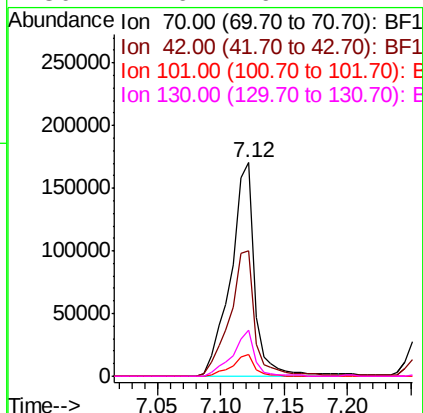
#19
n-Nitroso-di-n-propylamine
Concen: 42.266 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	47.4	71.2	
101	10.0	7.3	10.9	
130	21.6	16.2	24.2	

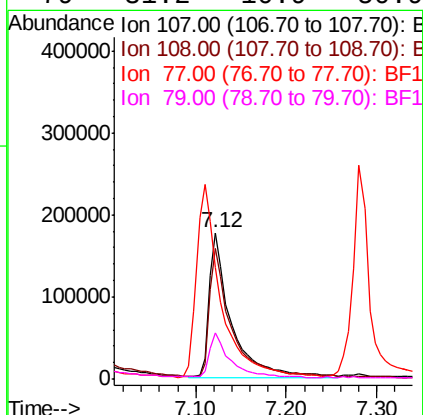
Manual Integrations
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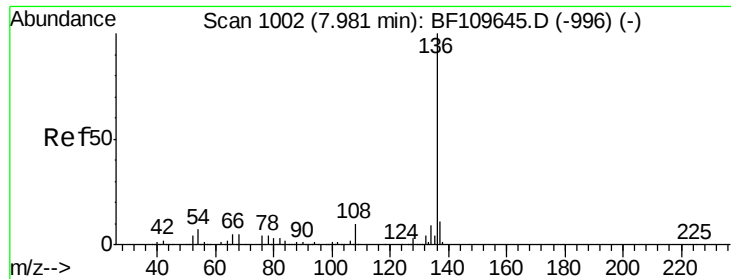
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#20
3+4-Methylphenols
Concen: 44.514 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	71.4	111.4	
77	76.4	47.3	87.3	
79	31.2	10.9	50.9	





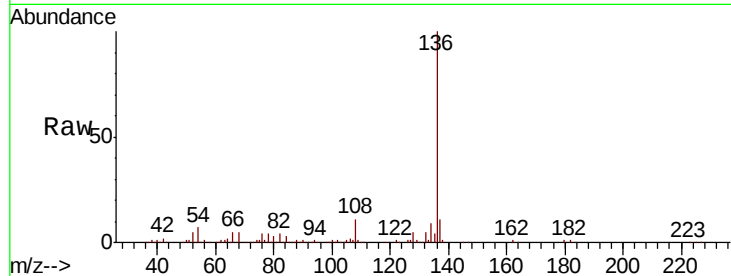
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375030		
137	10.9	8.8	13.2	
54	7.0	5.4	8.2	
68	5.2	4.2	6.2	

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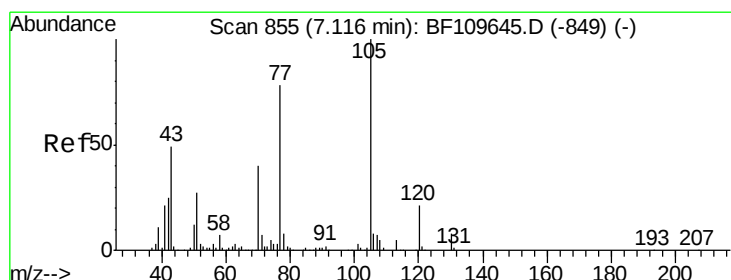
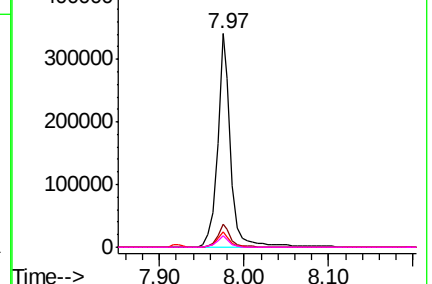
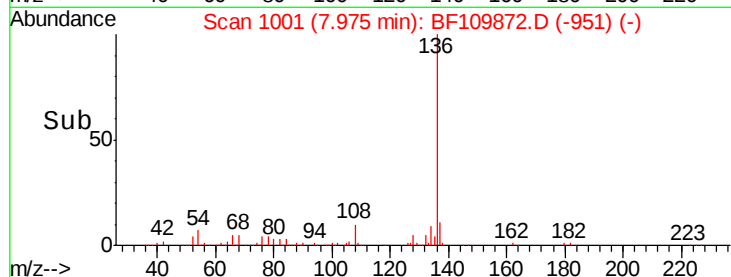
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

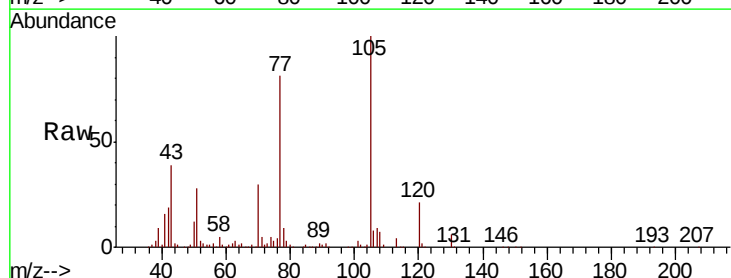
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 49.455 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	448502		
71	5.1	5.2	7.8#	
51	27.9	21.8	32.8	
120	21.2	17.0	25.4	



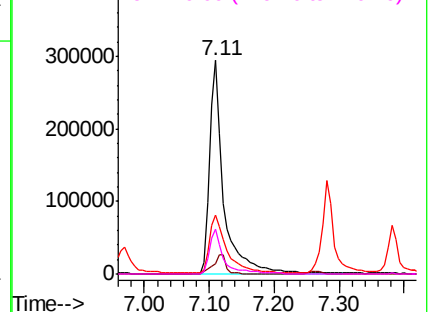
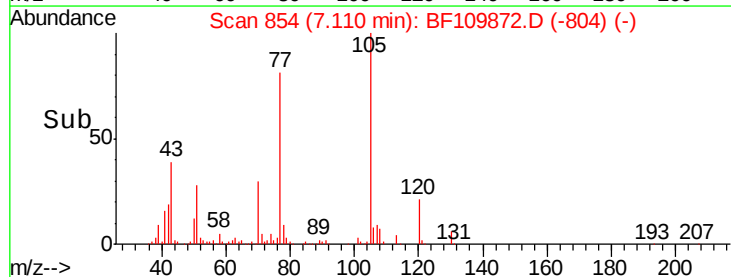
Abundance

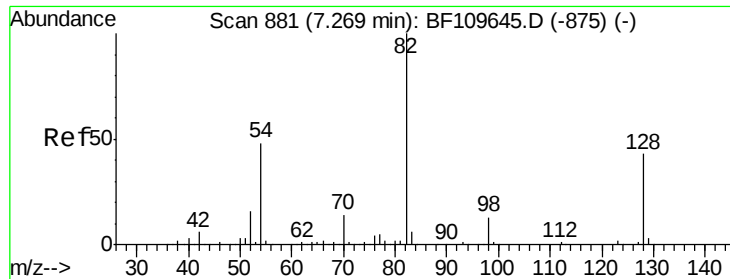
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





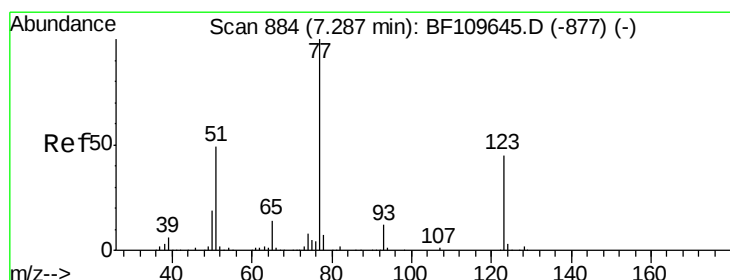
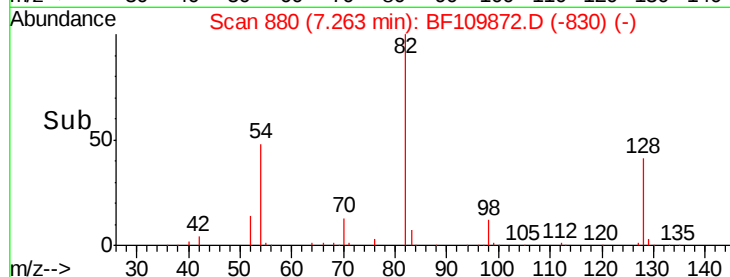
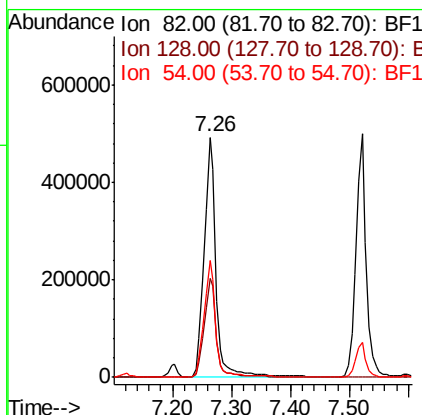
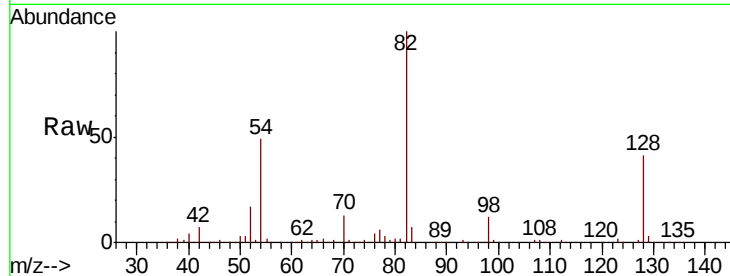
#23
 Nitrobenzene-d5
 Concen: 102.356 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	696372		
128	40.9		34.2	51.2
54	48.6		38.6	58.0

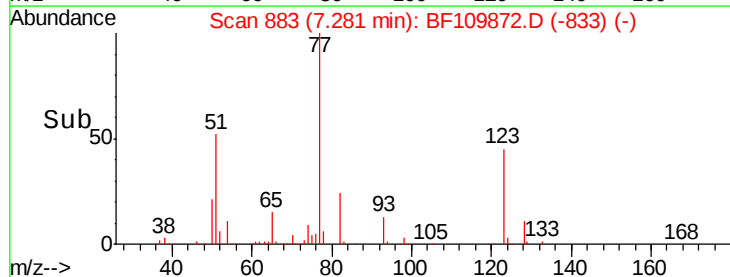
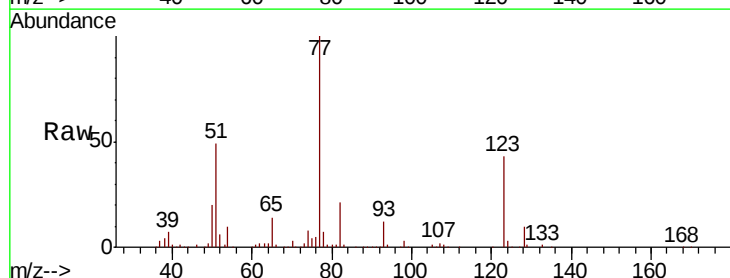
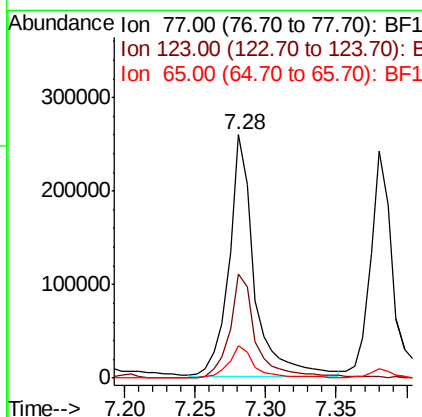
Manual Integrations
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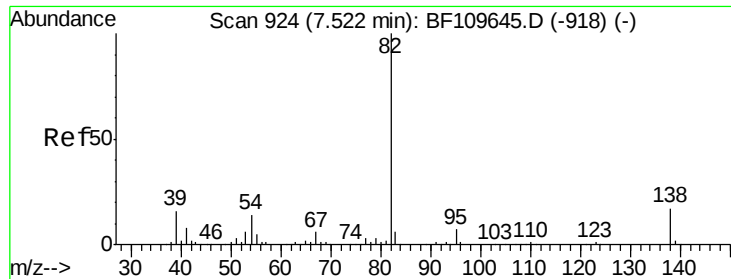
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#24
 Nitrobenzene
 Concen: 45.623 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322981		
123	42.5		35.7	53.5
65	13.5		10.7	16.1





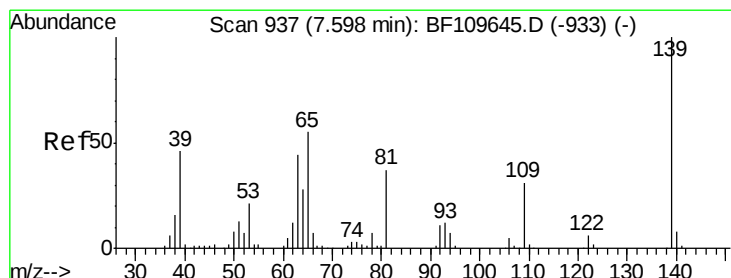
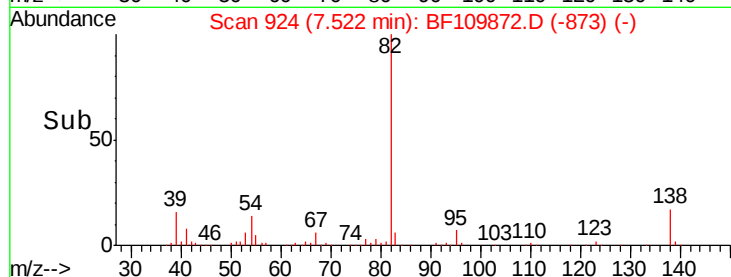
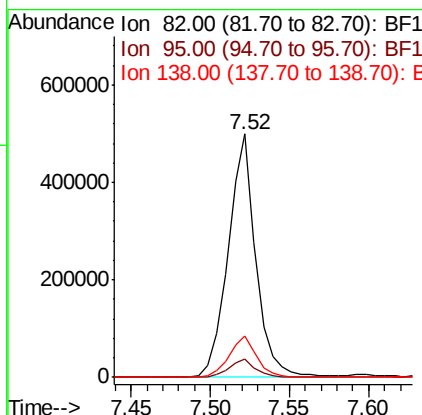
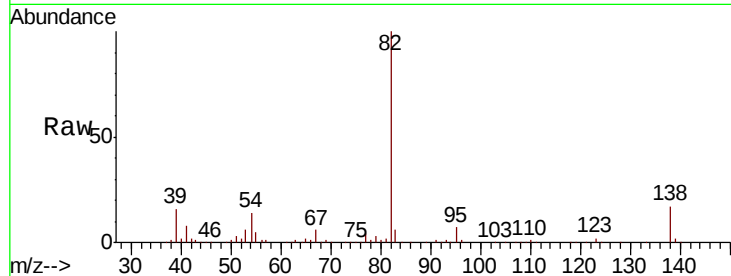
#25
Isophorone
Concen: 53.008 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3		5.7	8.5
138	17.0		13.2	19.8

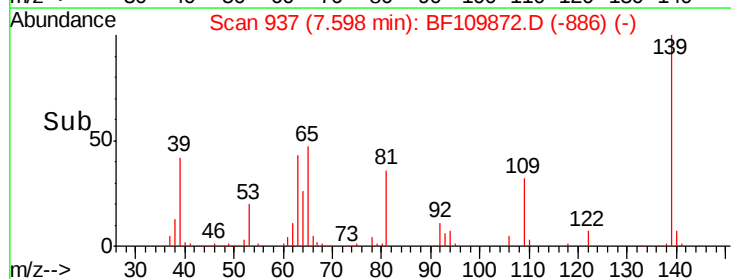
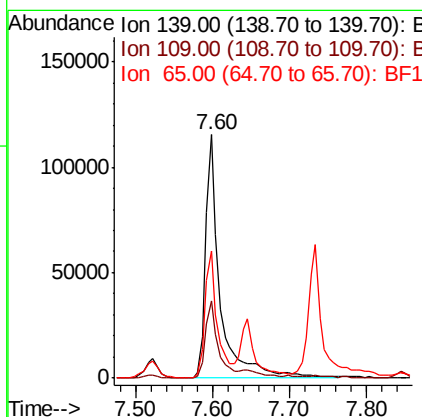
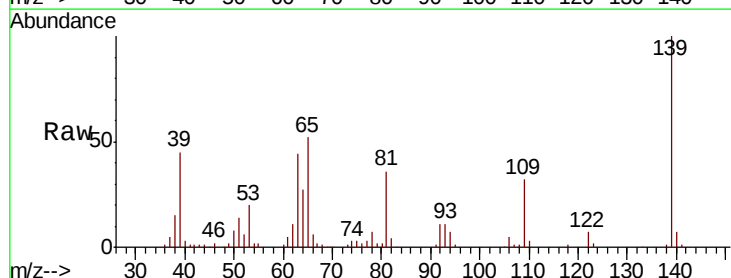
Manual Integrations
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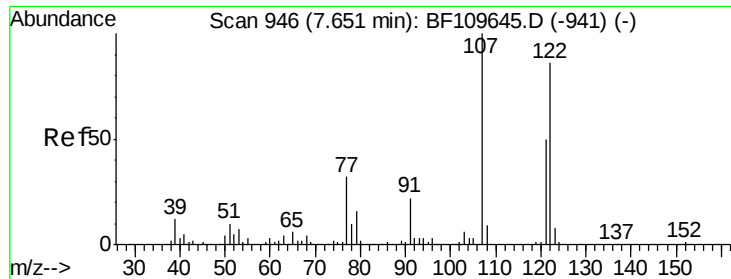
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#26
2-Nitrophenol
Concen: 46.222 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.9		25.0	37.6
65	52.2		44.0	66.0





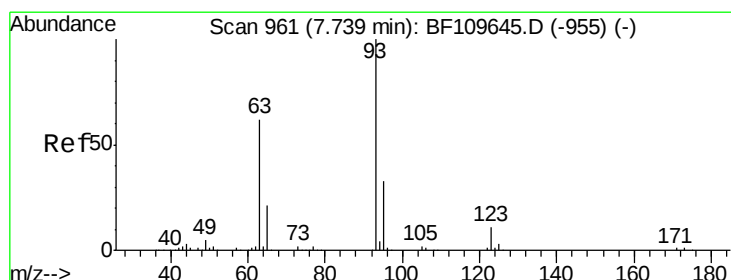
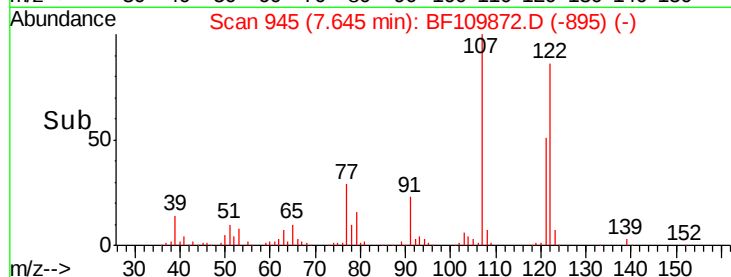
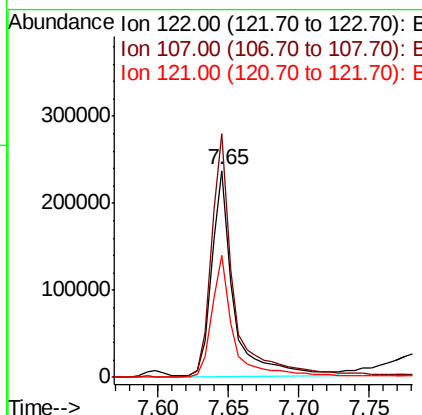
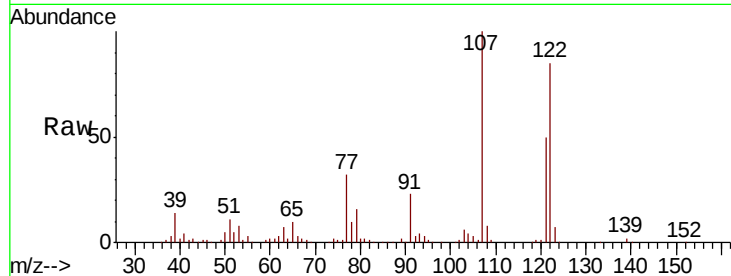
#27
2,4-Dimethylphenol
Concen: 53.797 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	257248		
107	117.6	92.5	138.7	
121	59.1	45.8	68.8	

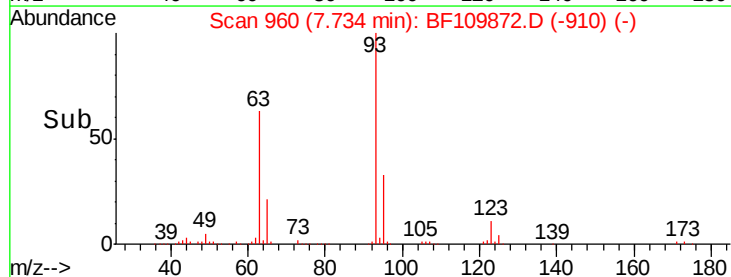
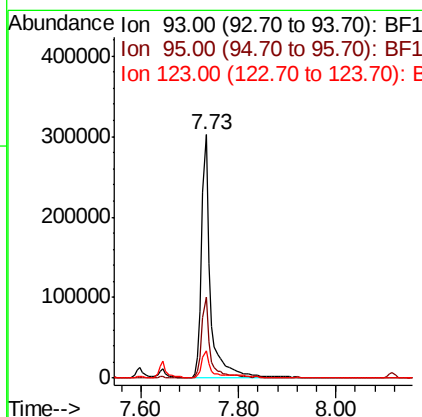
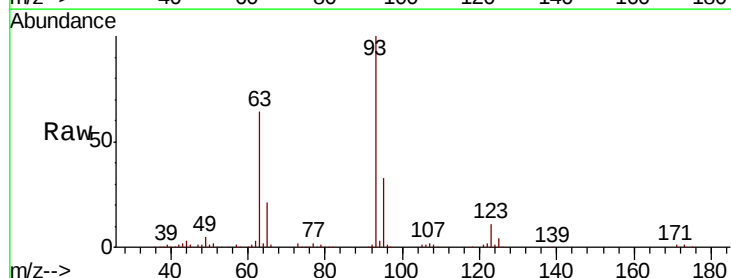
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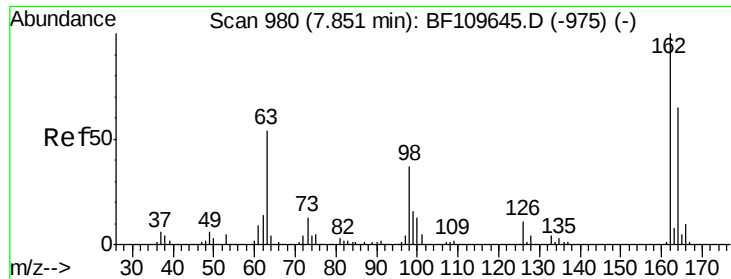
Sohil
10/15/2018 10:28:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.551 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378654		
95	33.0	26.4	39.6	
123	11.2	9.0	13.6	





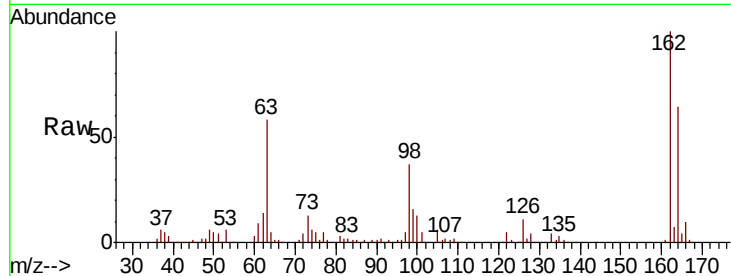
#29
2,4-Dichlorophenol
Concen: 47.574 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

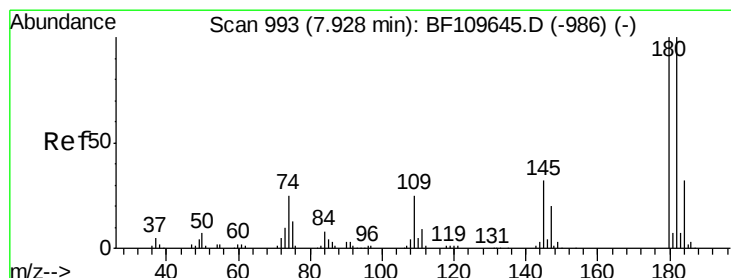
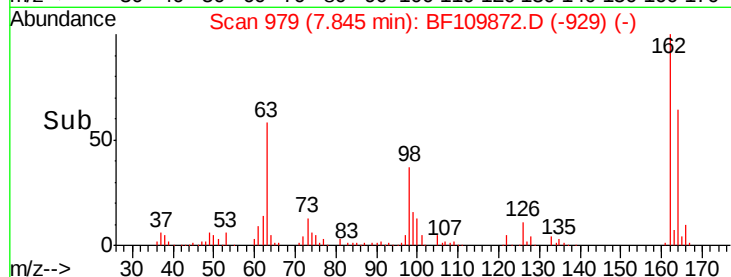
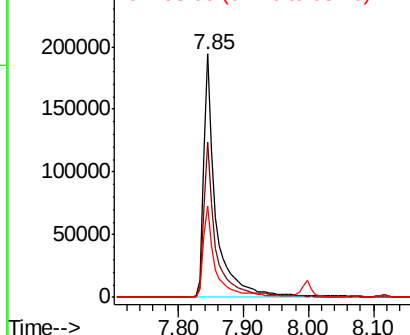
Tot Ion:	162	Resp:	255167
Ion Ratio		Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.4	17.4	57.4

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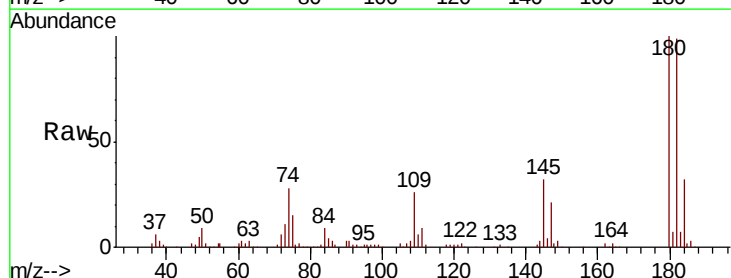


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

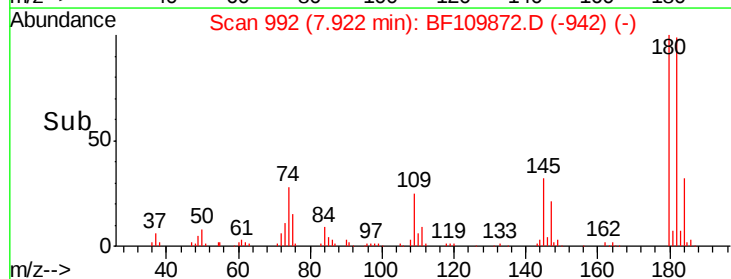
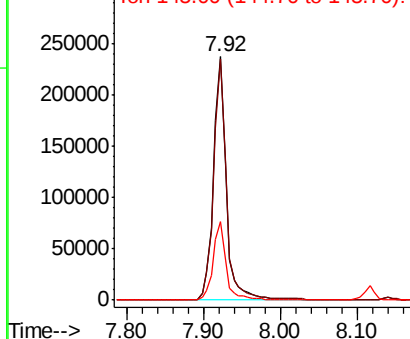


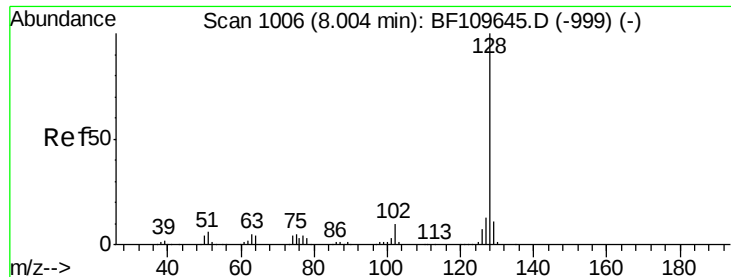
#30
1,2,4-Trichlorobenzene
Concen: 45.685 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	180	Resp:	271257
Ion Ratio		Lower	Upper
180	100		
182	99.0	80.3	120.5
145	32.1	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





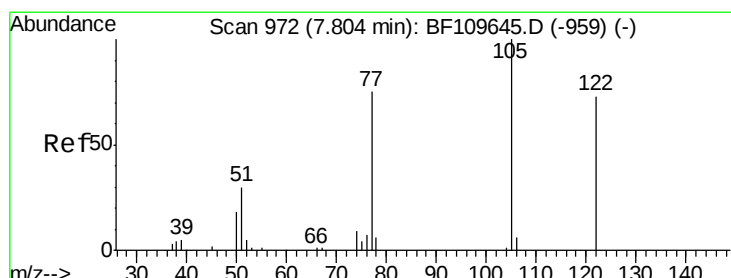
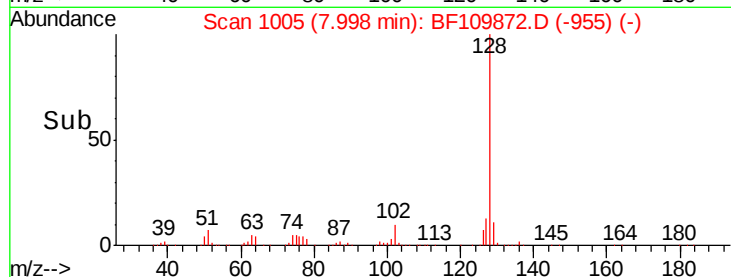
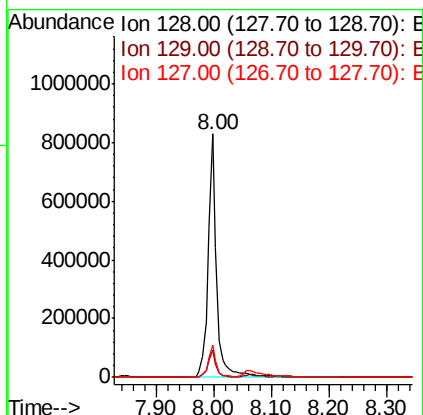
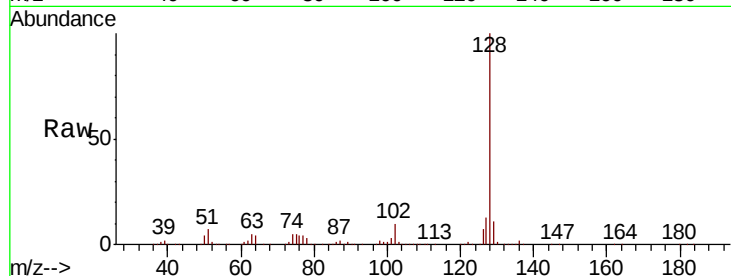
#31
Naphthalene
Concen: 50.793 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.8	16.2

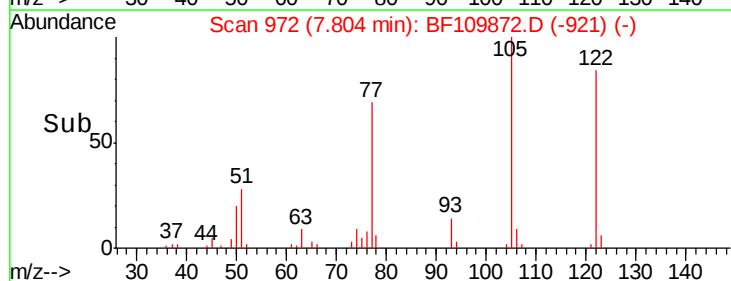
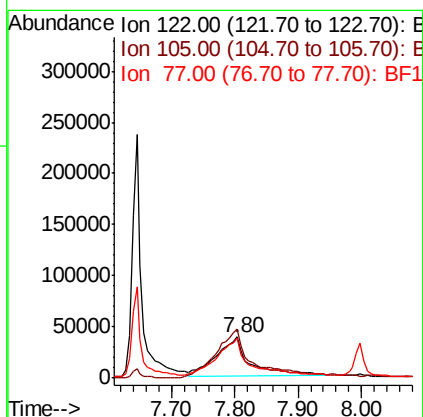
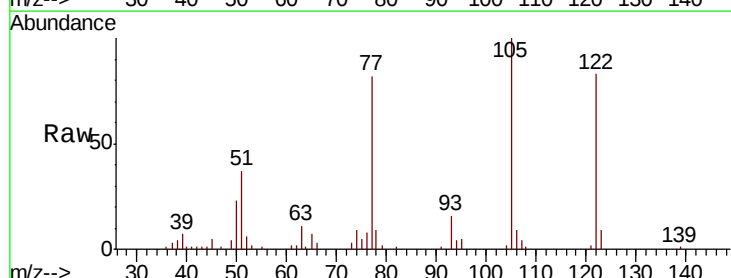
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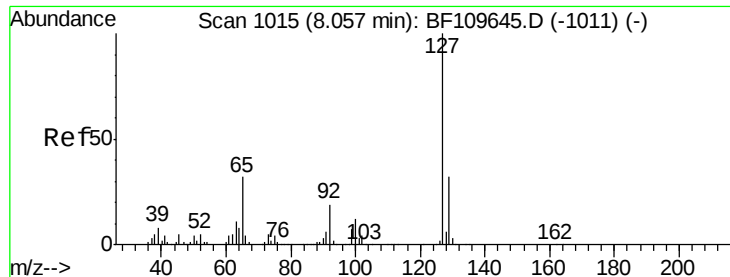
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#32
Benzoic acid
Concen: 42.736 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	109.0	149.0
77	98.6	79.0	119.0





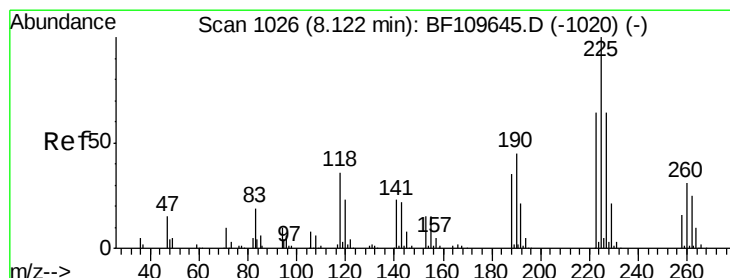
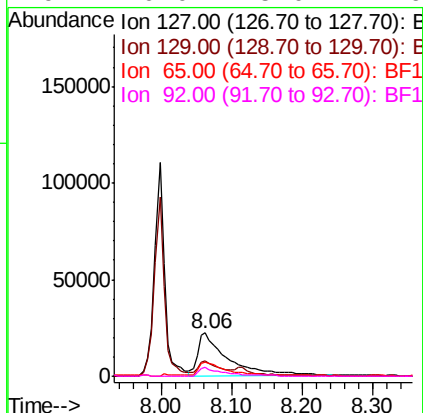
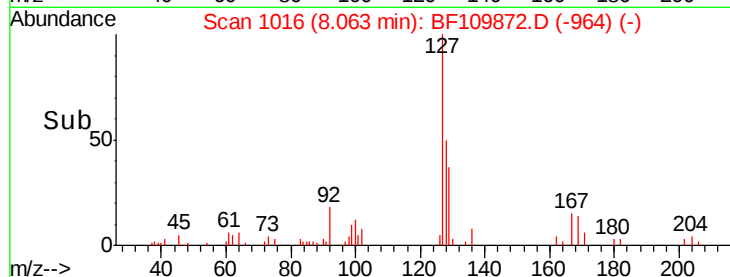
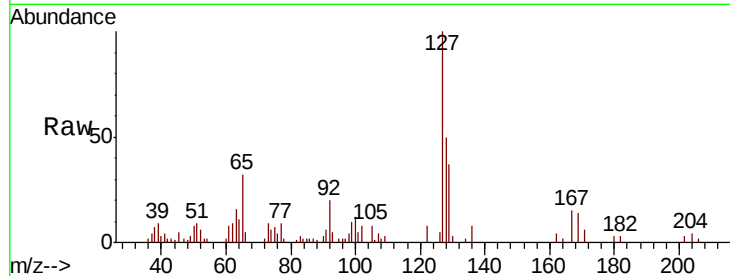
#33
4-Chloroaniline
Concen: 8.718 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.5	26.0	39.0		
65	32.0	25.1	37.7		
92	20.0	15.0	22.6		

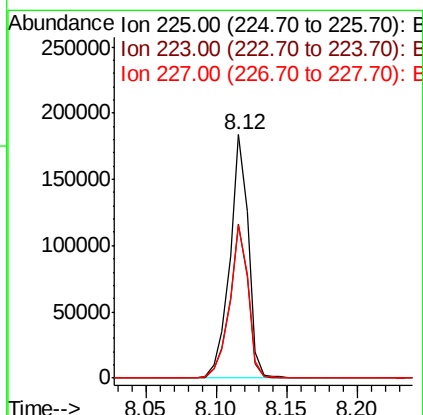
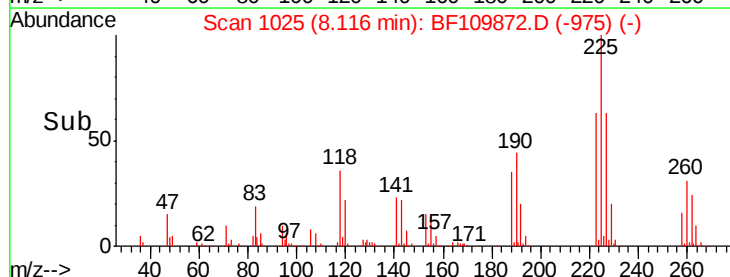
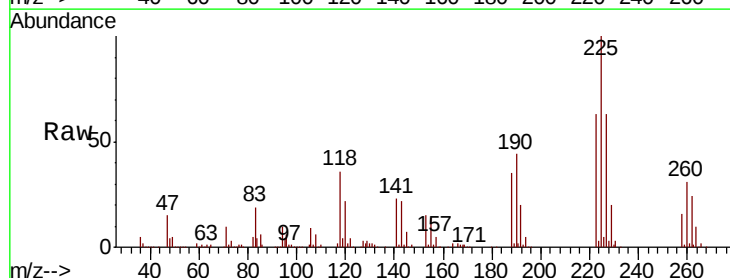
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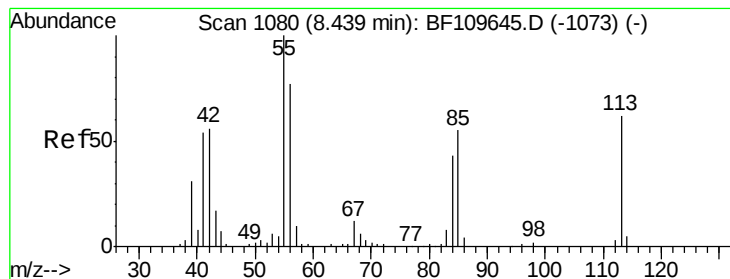
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#34
Hexachlorobutadiene
Concen: 45.427 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.4	77.2		
227	62.9	51.0	76.6		





#35

Caprolactam

Concen: 47.123 ng/ml

RT: 8.44 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

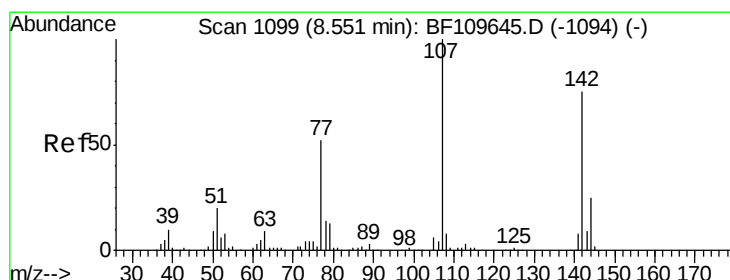
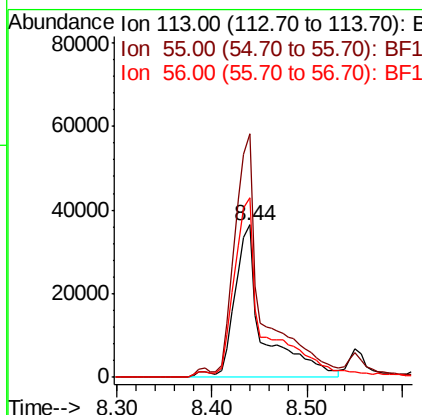
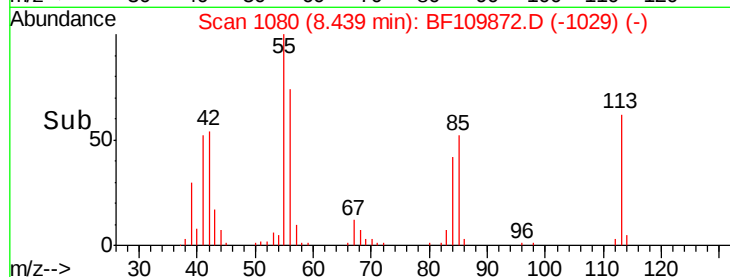
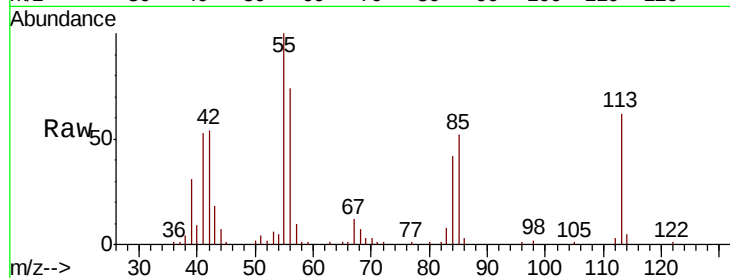
ClientSampleID :

PB113699BSD

Tot Ion:	113	Resp:	75482
Ion	Ratio	Lower	Upper
113	100		
55	160.0	142.8	182.8
56	118.3	105.0	145.0

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#36

4-Chloro-3-methylphenol

Concen: 44.651 ng/ml

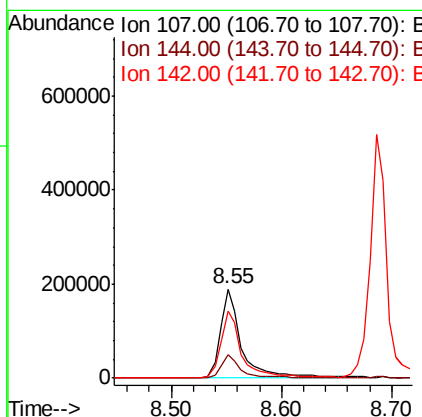
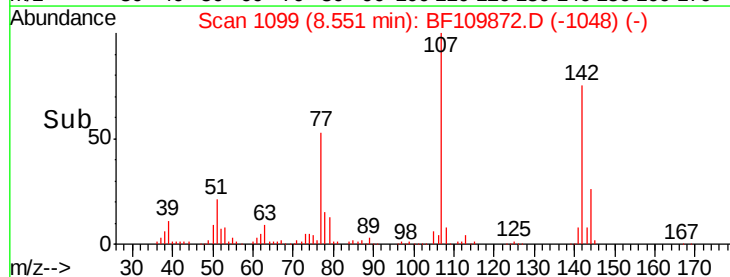
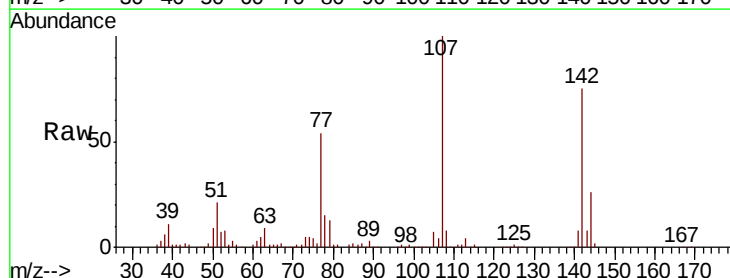
RT: 8.55 min Scan# 1099

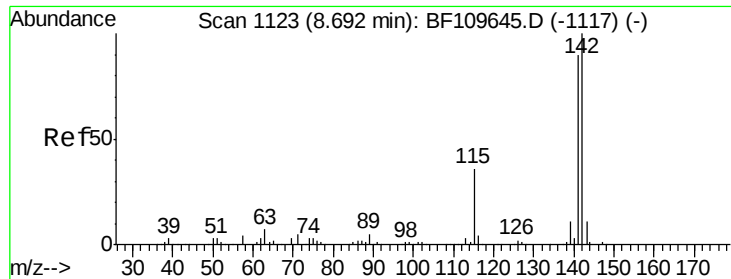
Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	107	Resp:	252799
Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.0	30.0
142	75.1	59.7	89.5





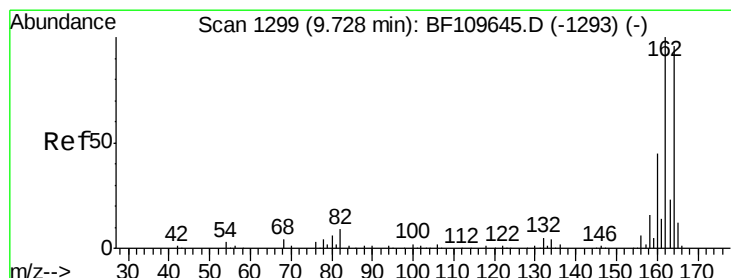
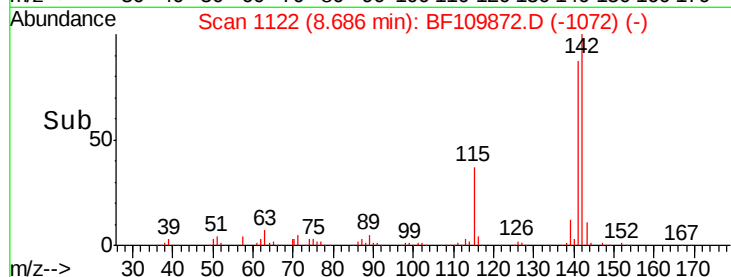
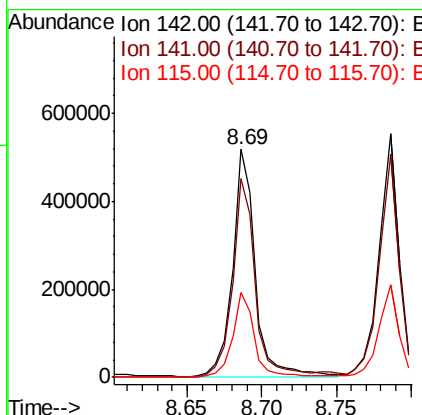
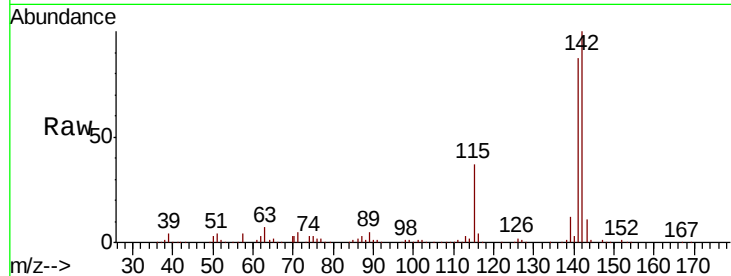
#37
2-Methylnaphthalene
Concen: 49.032 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.2
115	37.1	28.7	43.1

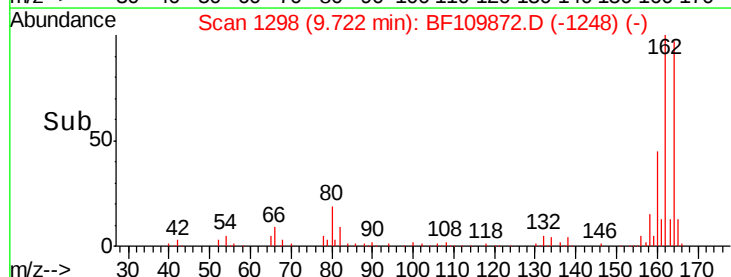
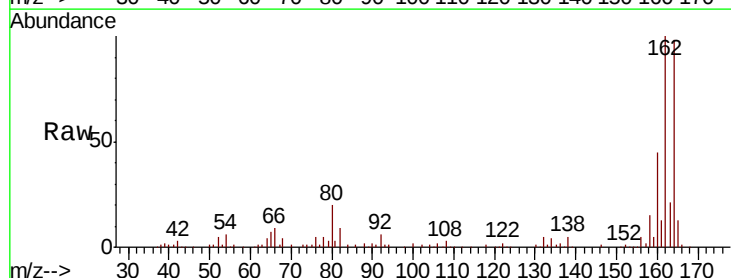
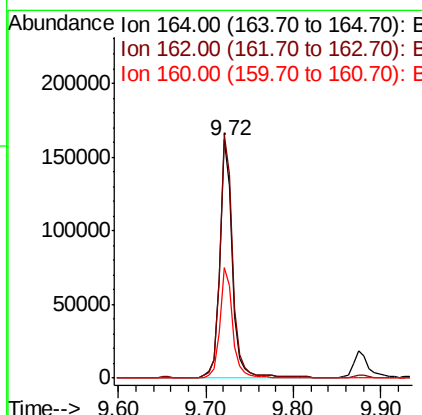
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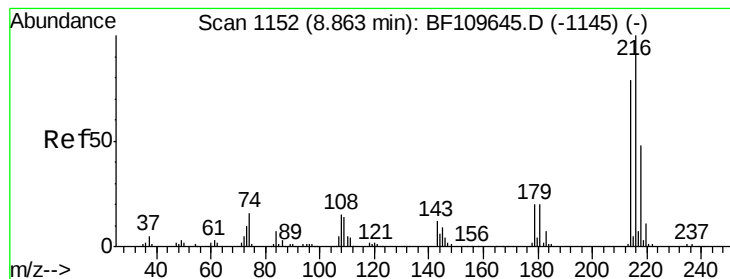
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.3	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.270 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

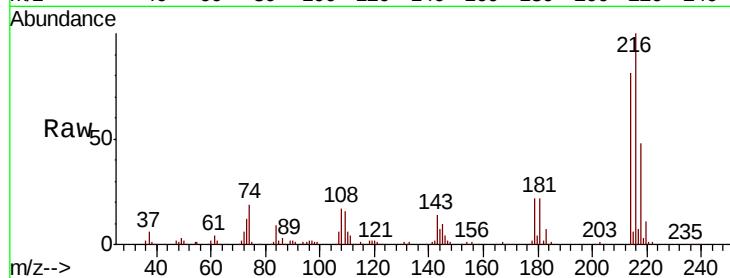
ClientSampleId :

PB113699BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.8	95.6
179	21.3	16.6	25.0
108	17.4	15.1	22.7

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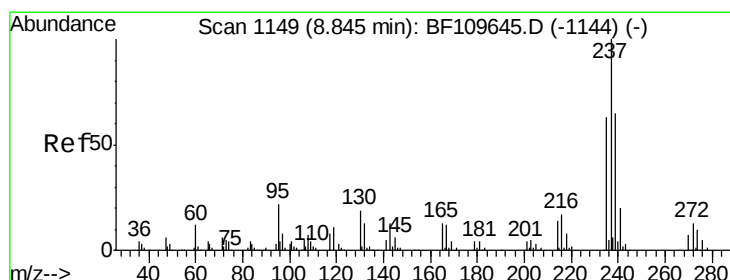
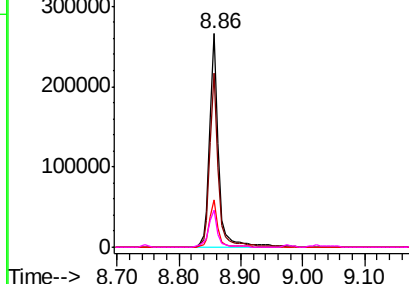
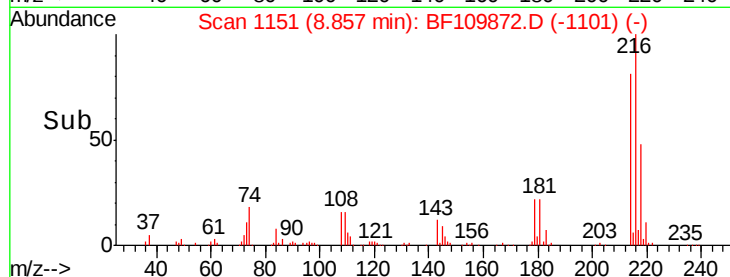
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.688 ng

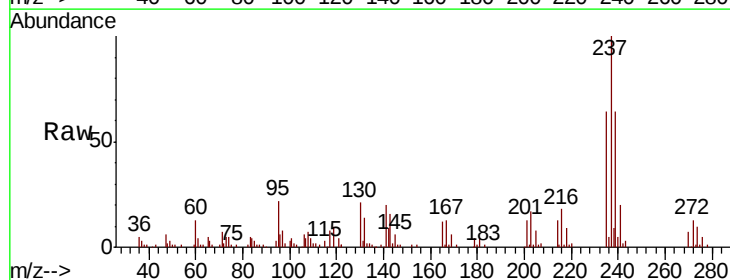
RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	43.1	83.1
272	13.0	0.0	32.6

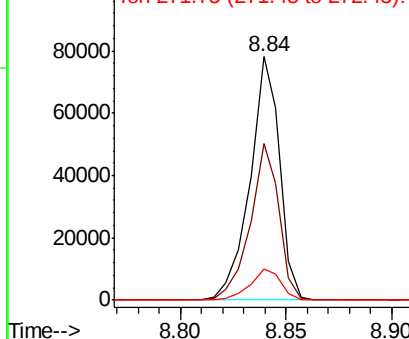
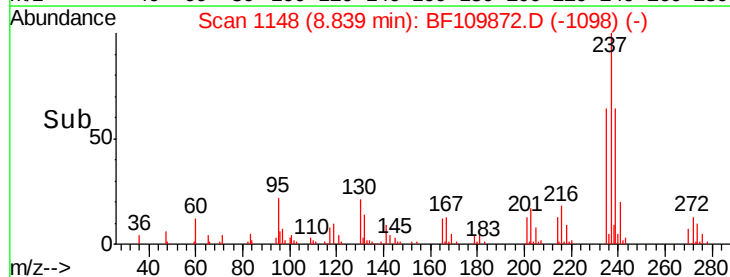


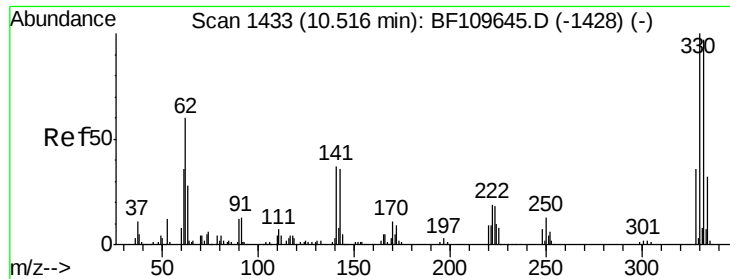
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





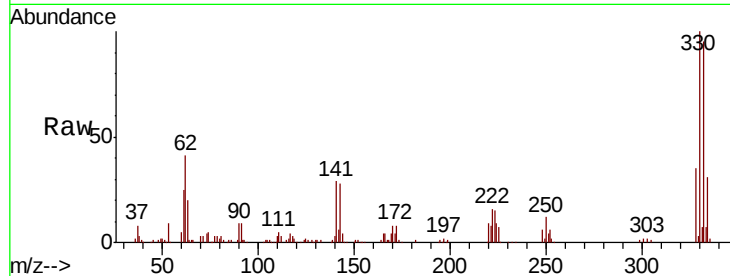
#41
 2,4,6-Tribromophenol
 Concen: 85.089 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	150992		
332	95.9	77.1	115.7	
141	33.5	27.0	40.4	

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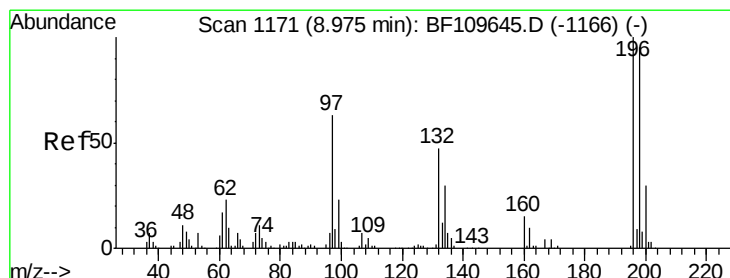
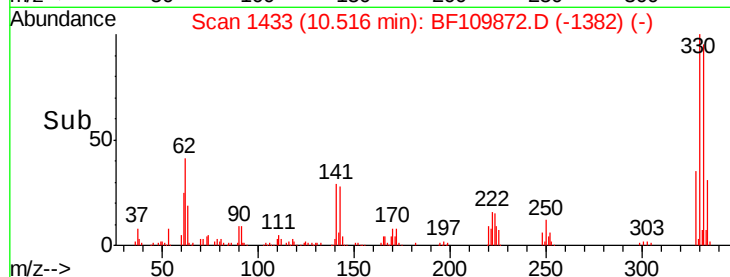
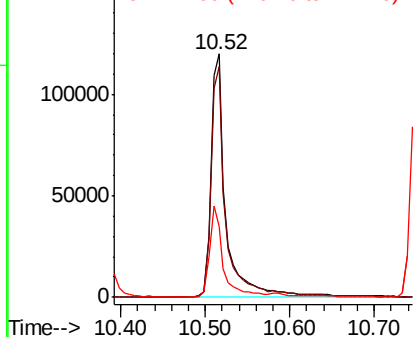


Abundance

Ion 329.80 (329.50 to 330.50): E

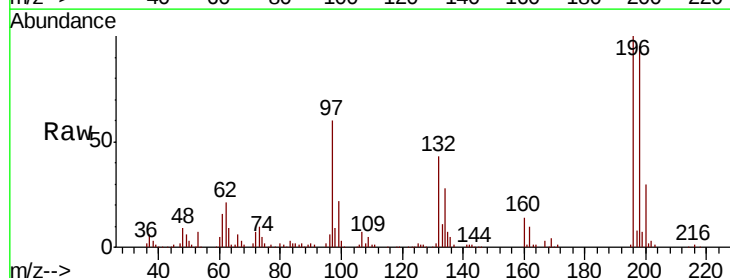
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.208 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156450		
198	95.0	76.2	114.4	
200	30.2	24.4	36.6	

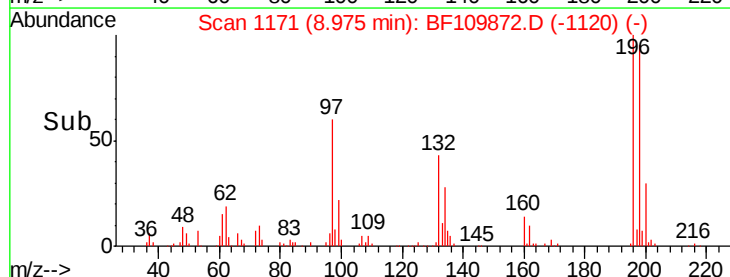
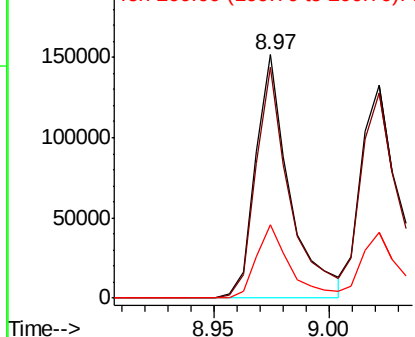


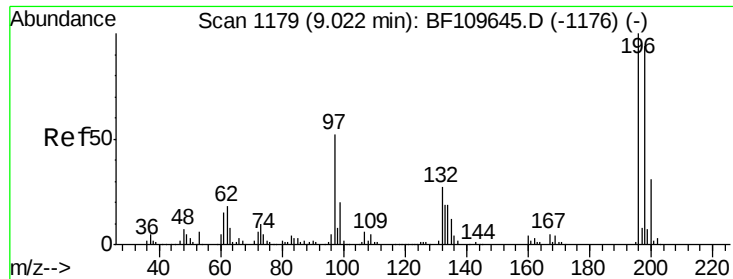
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





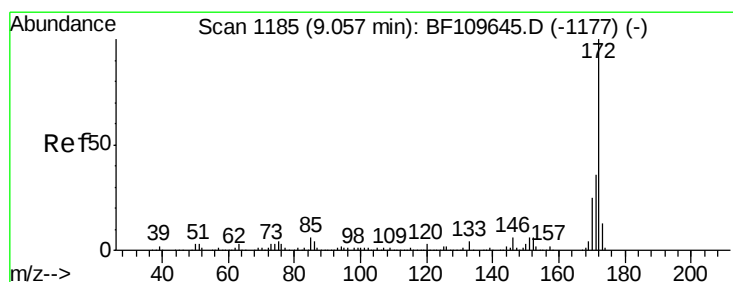
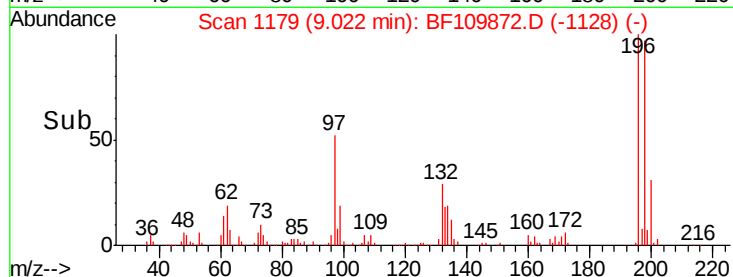
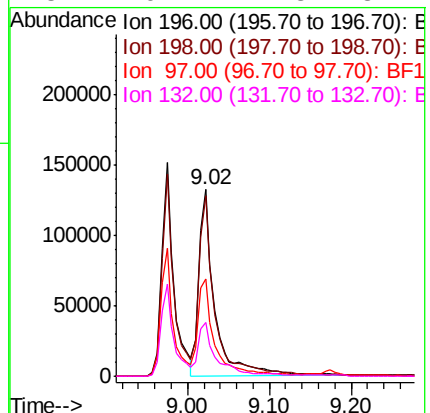
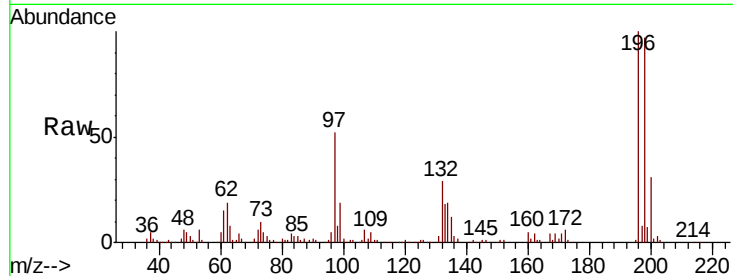
#43
2,4,5-Trichlorophenol
Concen: 47.095 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	96.8	75.8	113.6
97	52.3	42.4	63.6
132	29.1	22.8	34.2

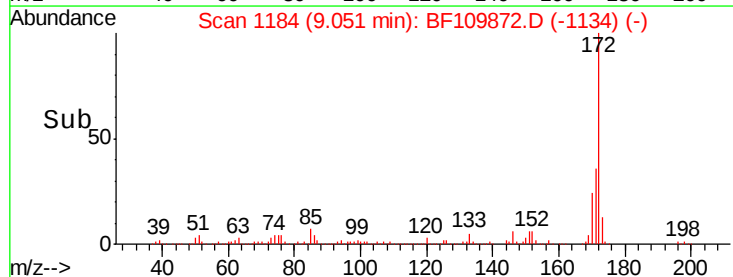
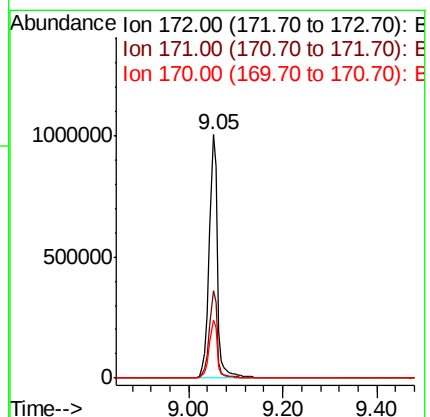
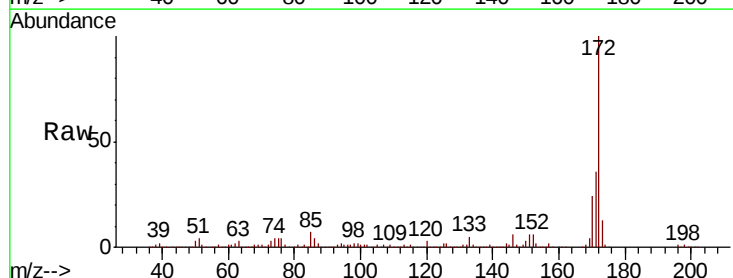
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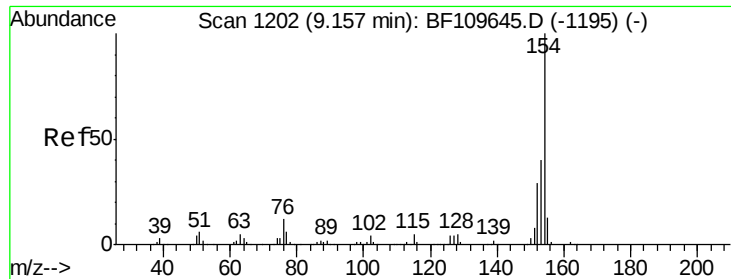
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#44
2-Fluorobiphenyl
Concen: 101.849 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5





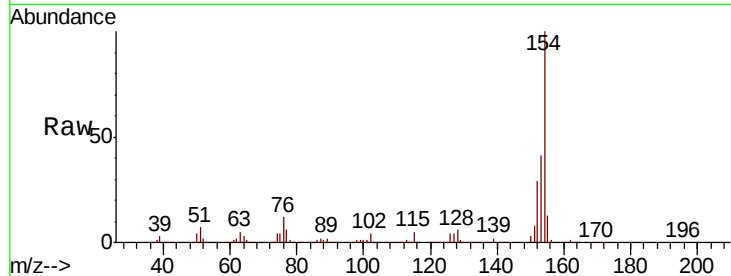
#45
 1,1'-Biphenyl
 Concen: 46.408 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

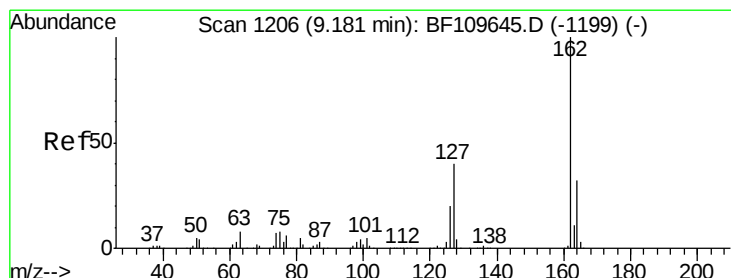
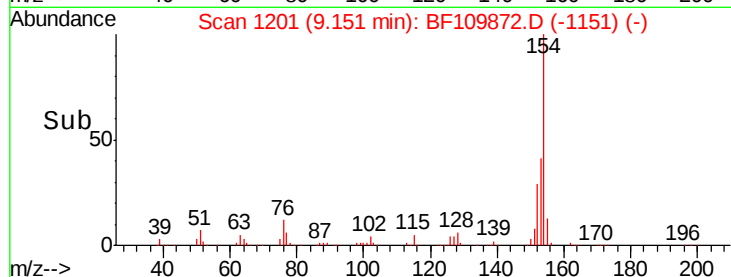
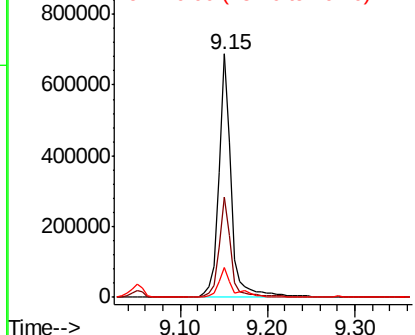
Tot Ion:	154	Resp:	675195
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.4	60.4
76	12.3	0.0	31.9

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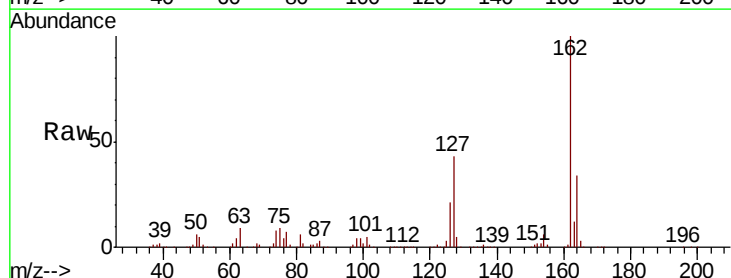


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

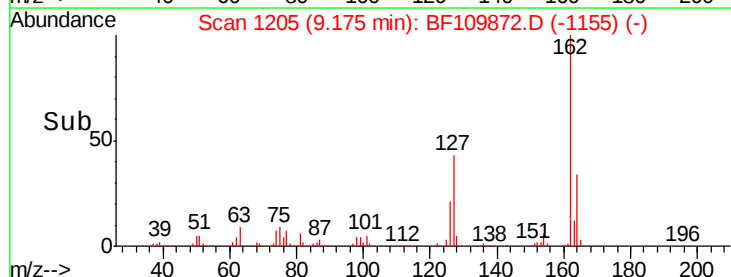
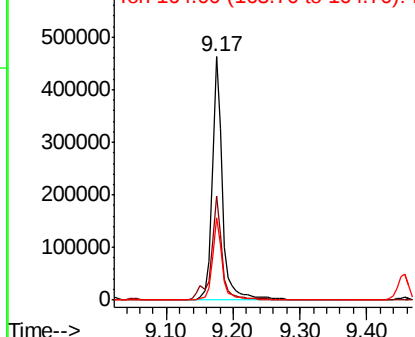


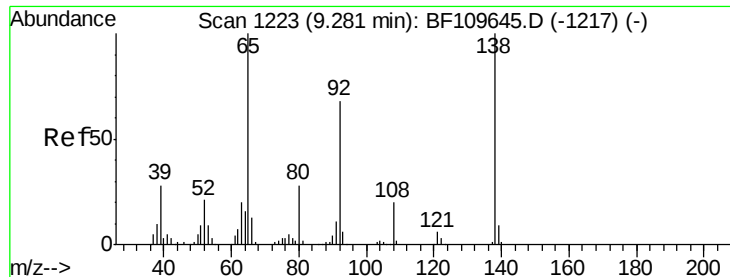
#46
 2-Chloronaphthalene
 Concen: 46.312 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:	162	Resp:	504796
Ion Ratio	Lower	Upper	
162	100		
127	42.7	32.6	48.8
164	33.6	25.9	38.9



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





#47

2-Nitroaniline

Concen: 48.204 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

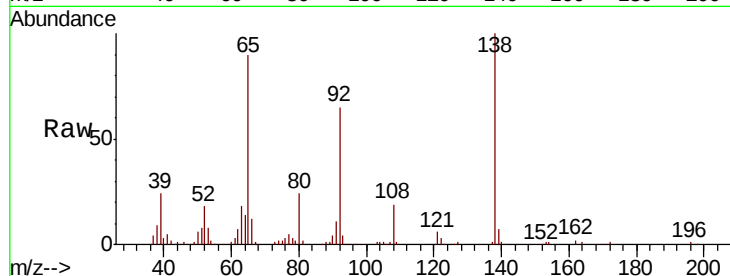
ClientSampleId :

PB113699BSD

Tot Ion:	65	Resp:	159095
Ion Ratio	Lower	Upper	
65	100		
92	71.8	54.6	81.8
138	111.1	80.3	120.5

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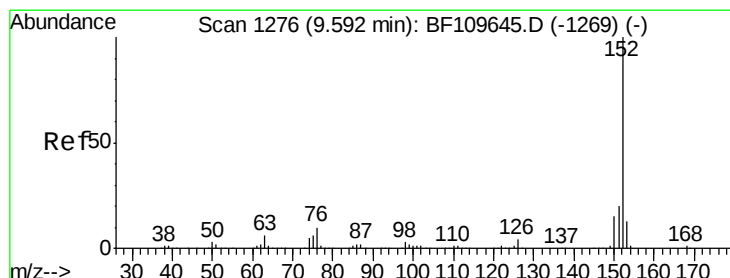
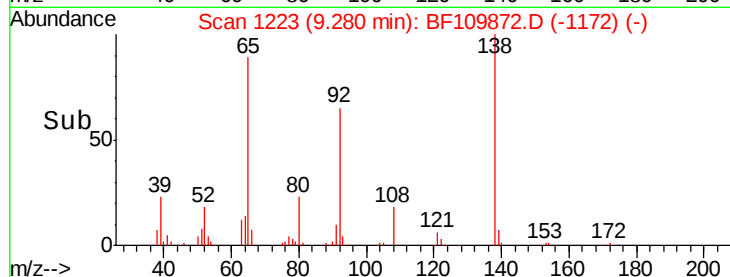
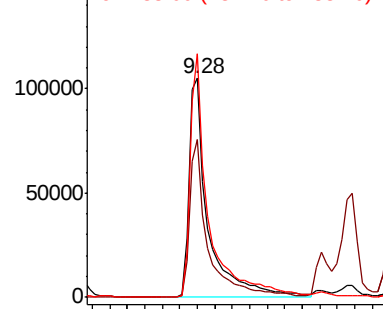


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 48.796 ng

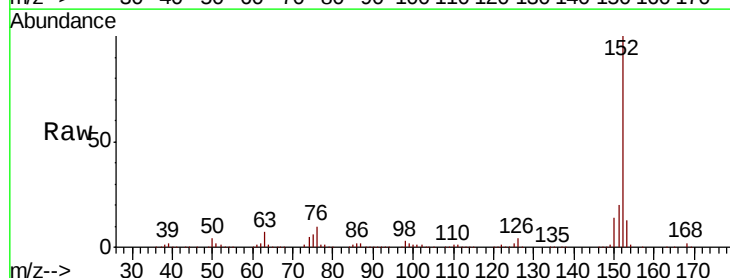
RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	152	Resp:	775404
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.2	10.4	15.6

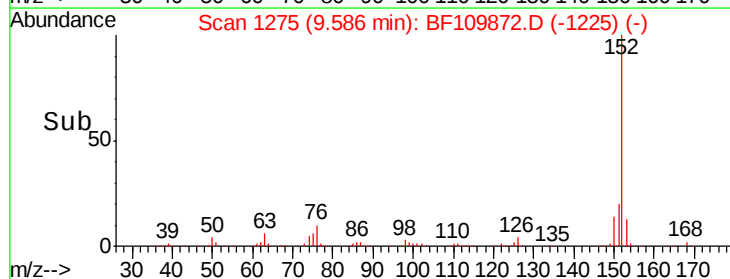
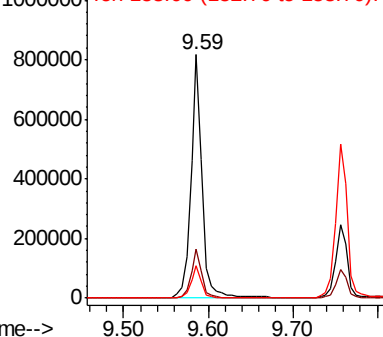


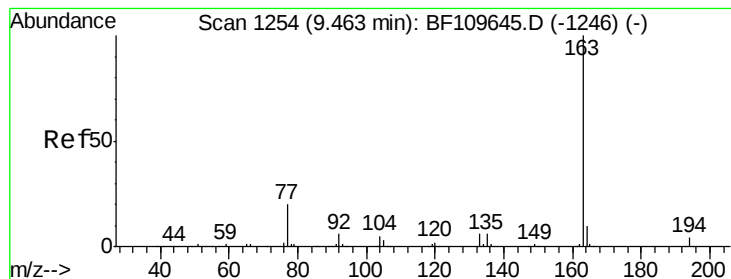
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 51.134 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

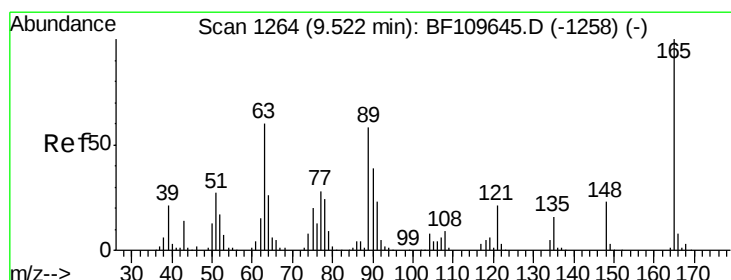
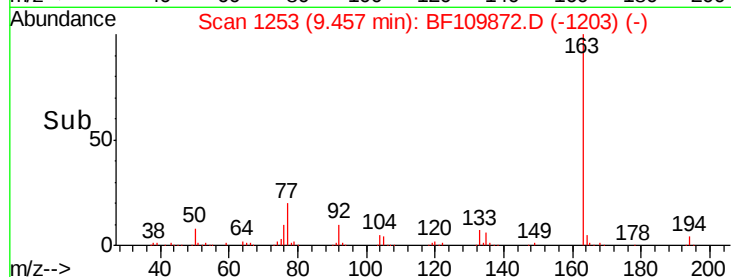
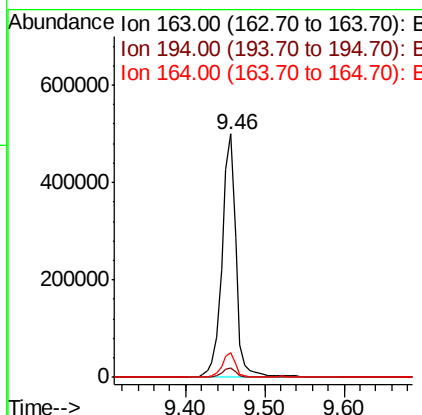
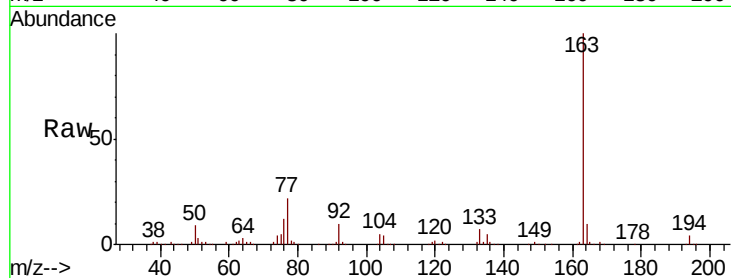
ClientSampleId :

PB113699BSD

Tot Ion:	163	Resp:	610756
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 48.068 ng

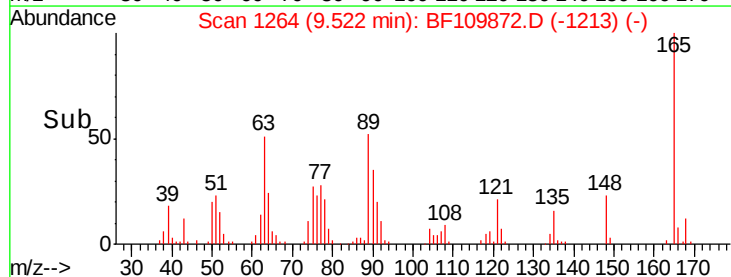
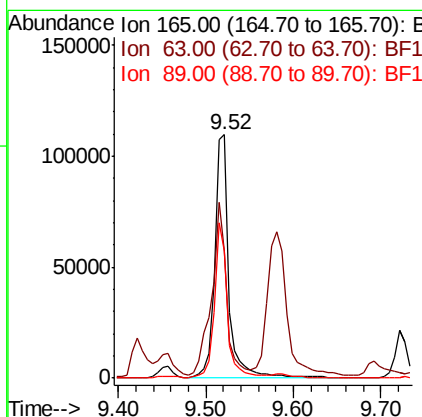
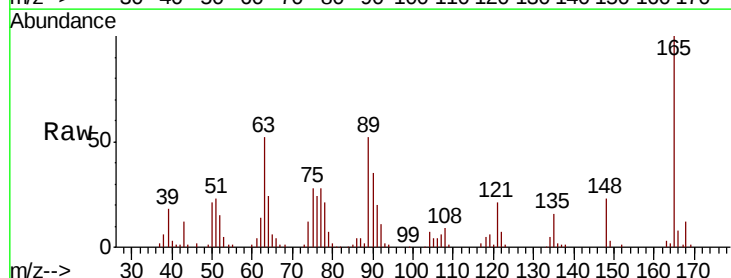
RT: 9.52 min Scan# 1264

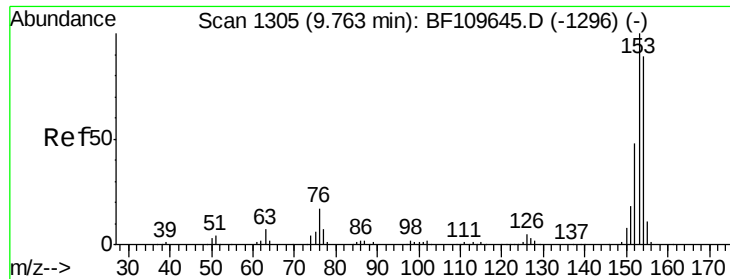
Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	165	Resp:	124453
Ion Ratio		Lower	Upper
165	100		
63	52.2	48.9	73.3
89	52.2	46.6	69.8





#51

Acenaphthene

Concen: 46.041 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

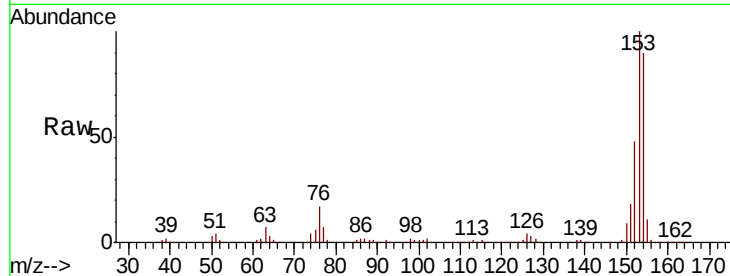
ClientSampleId :

PB113699BSD

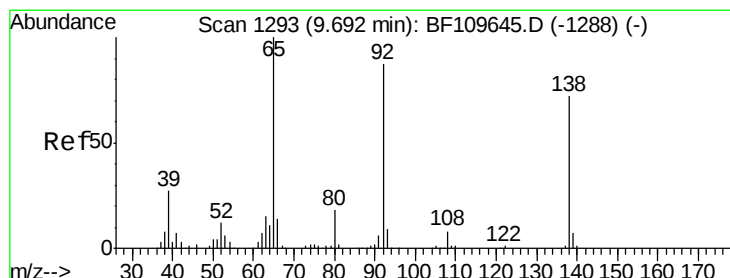
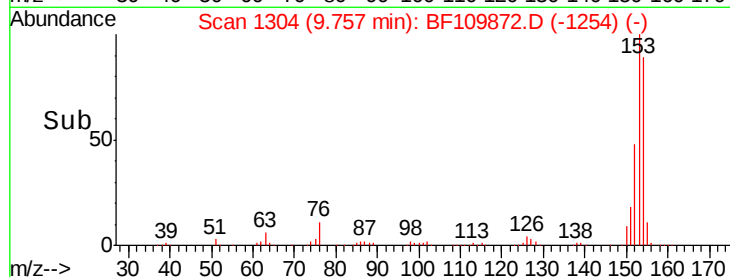
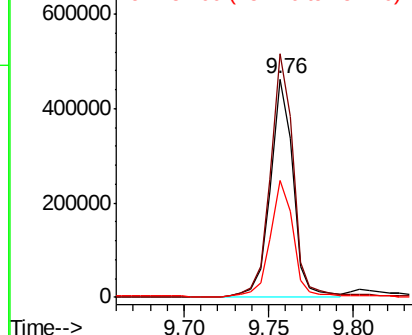
Tot Ion:	154	Resp:	433713
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.1	135.1
152	53.4	43.4	65.2

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



#52

3-Nitroaniline

Concen: 21.091 ng

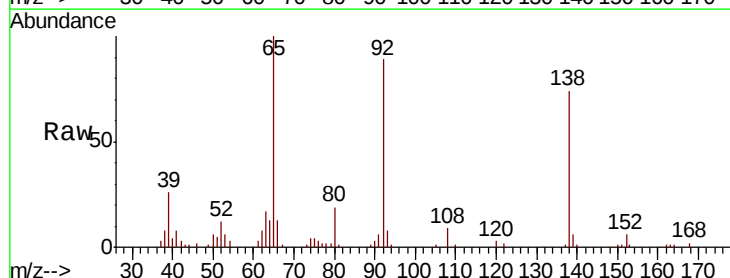
RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

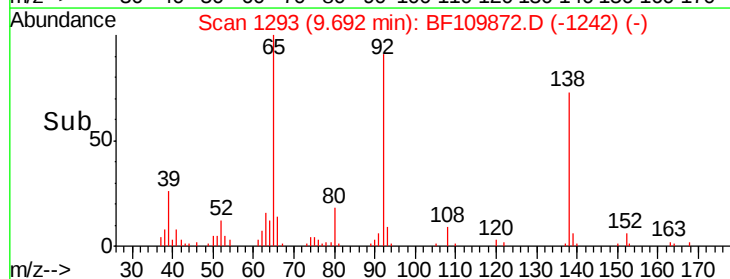
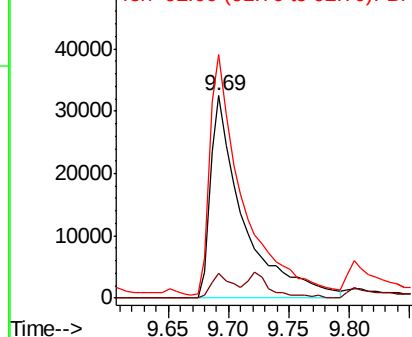
Lab File: BF109872.D

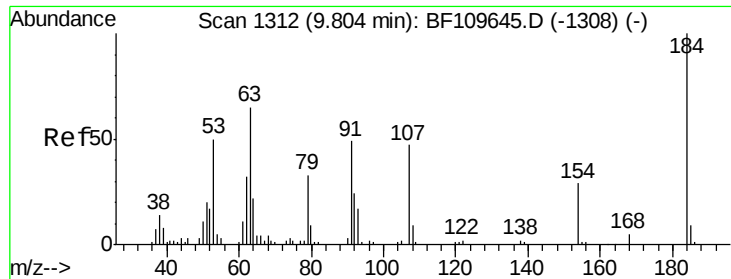
Acq: 13 Oct 2018 9:09

Tgt Ion:	138	Resp:	61211
Ion Ratio	Lower	Upper	
138	100		
108	12.3	8.7	13.1
92	120.4	97.0	145.4



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





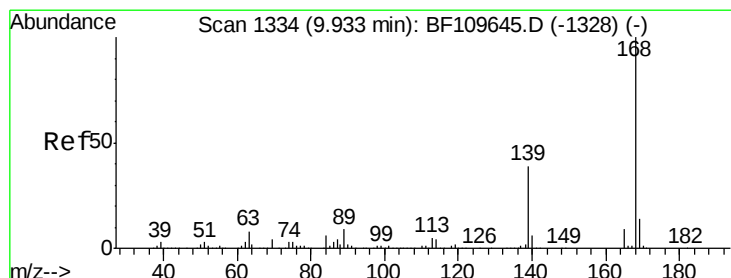
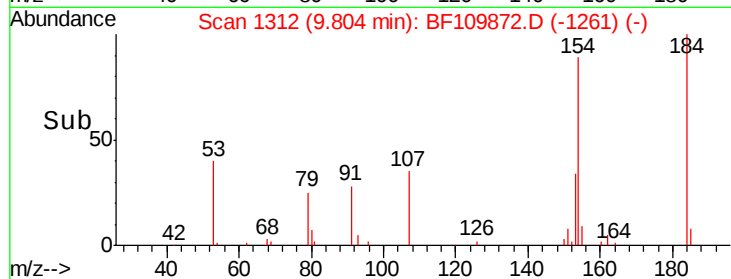
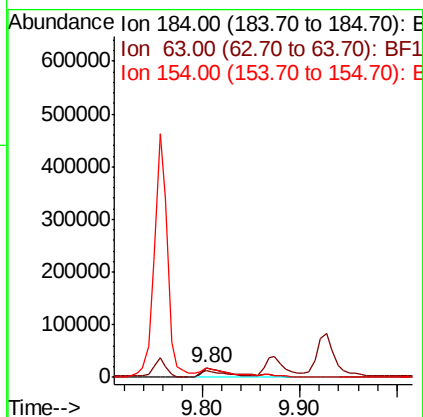
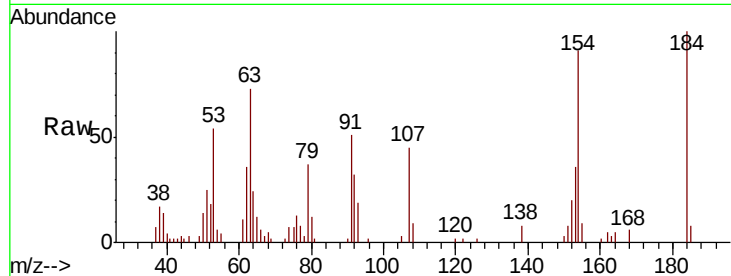
#53
2,4-Dinitrophenol
Concen: 50.909 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.6	55.8	83.6	
154	90.5	63.2	94.8	

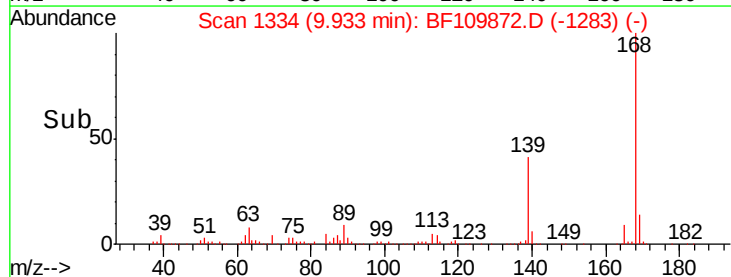
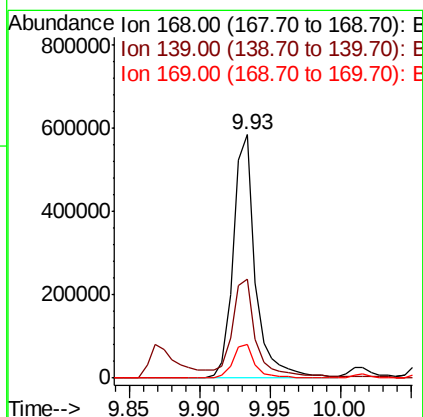
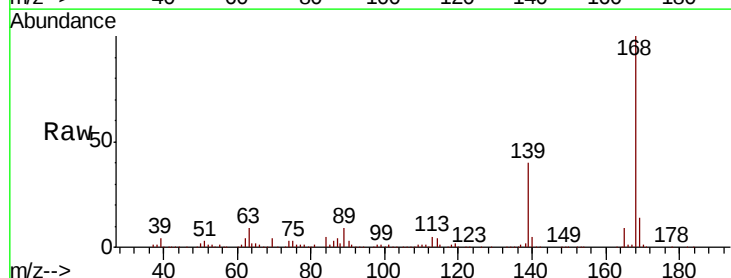
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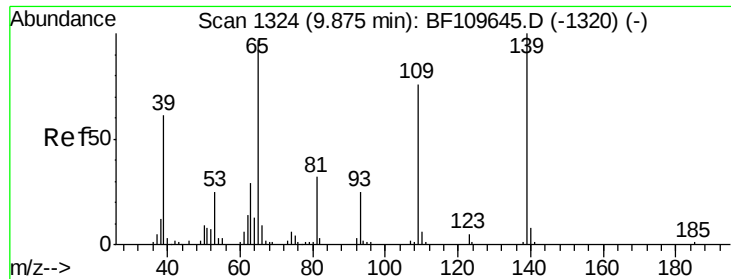
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#54
Dibenzofuran
Concen: 45.359 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	33.0	49.6	
169	14.0	11.3	16.9	





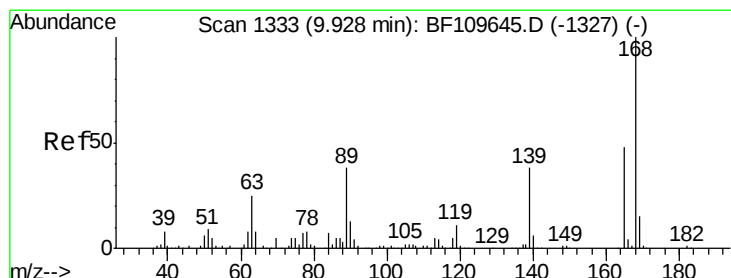
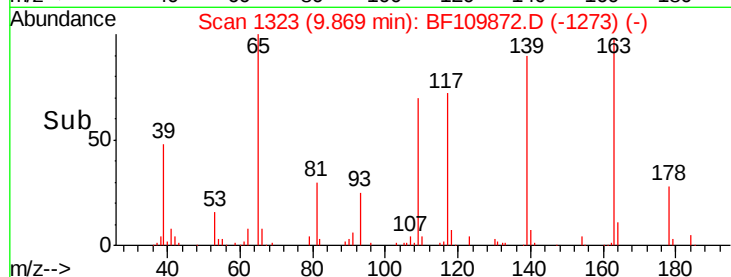
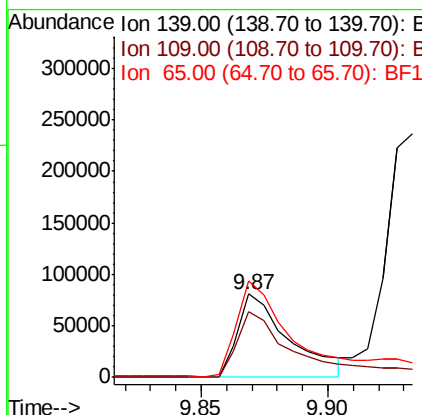
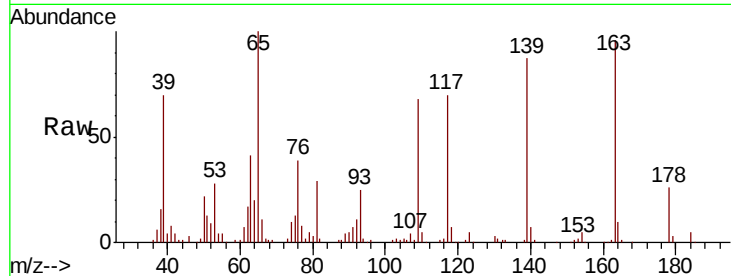
#55
4-Nitrophenol
Concen: 72.152 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.3	55.8	95.8	
65	114.8	77.9	117.9	

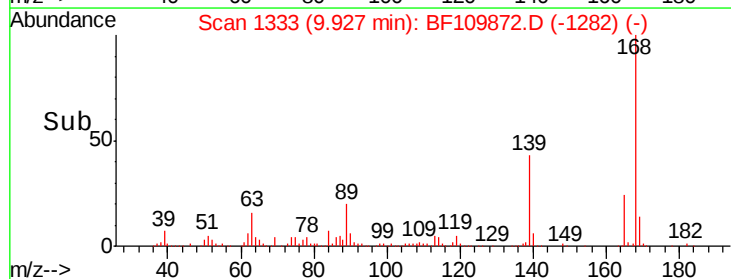
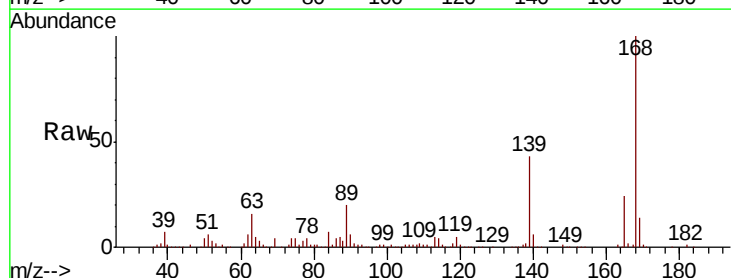
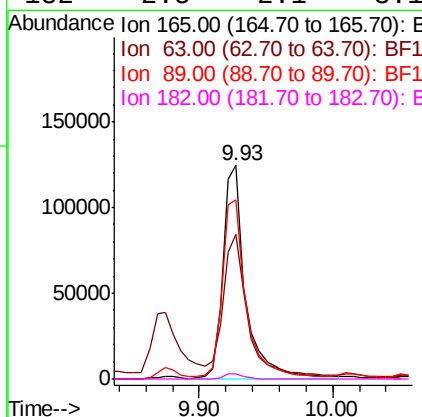
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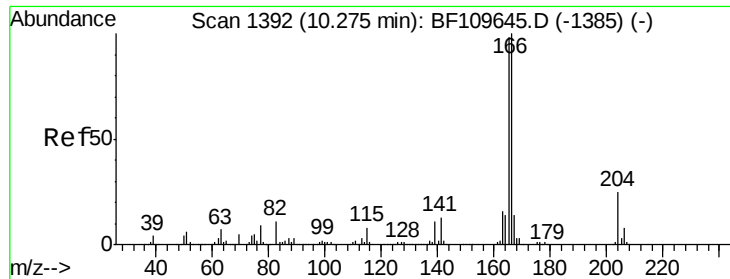
Sohil
10/15/2018 10:28:54 AM



#56
2,4-Dinitrotoluene
Concen: 45.518 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.8	44.8	67.2	
89	83.9	62.2	93.4	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 47.283 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

PB113699BSD

Tot Ion:166 Resp: 498597

Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

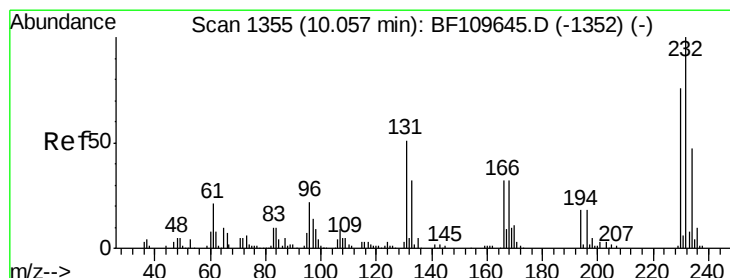
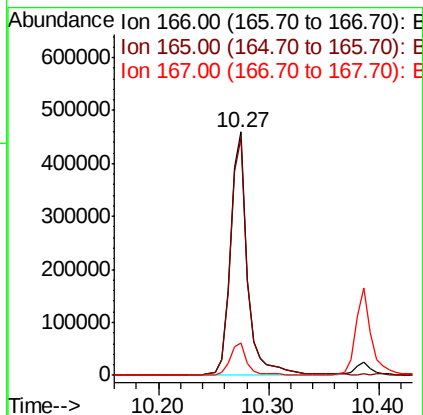
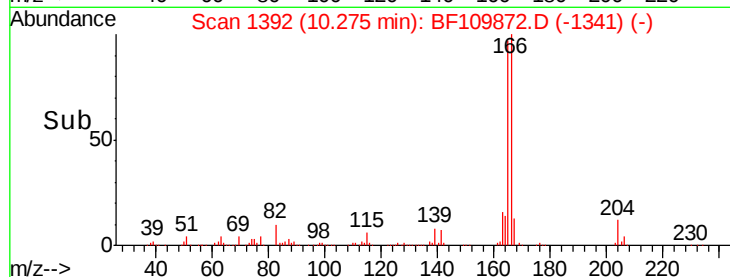
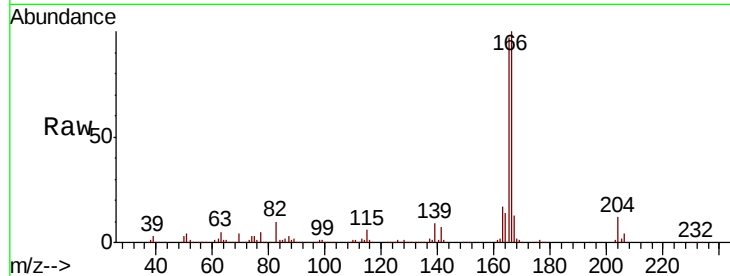
167 13.2 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.215 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:232 Resp: 130760

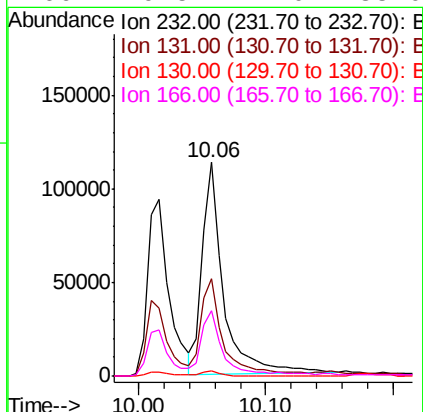
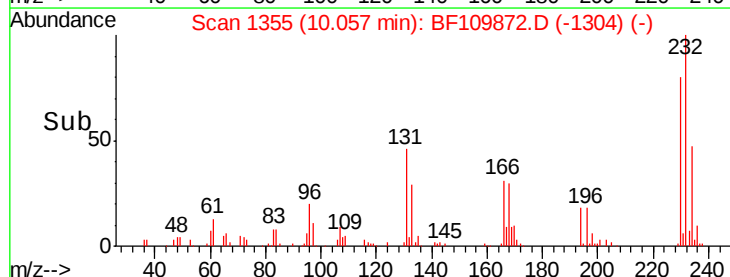
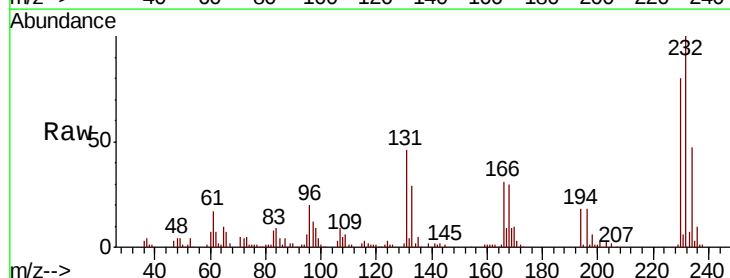
Ion Ratio Lower Upper

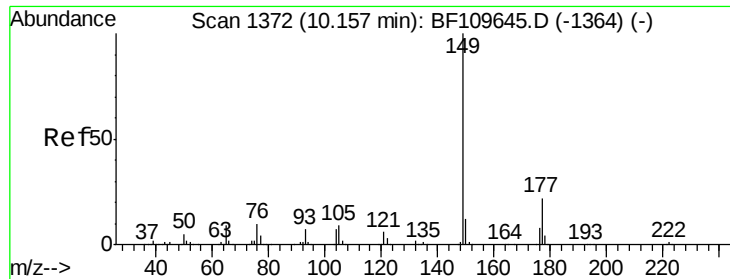
232 100

131 45.1 37.0 55.4

130 2.3 1.8 2.6

166 29.5 22.0 33.0





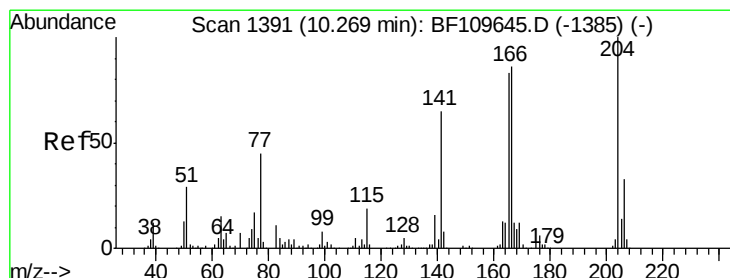
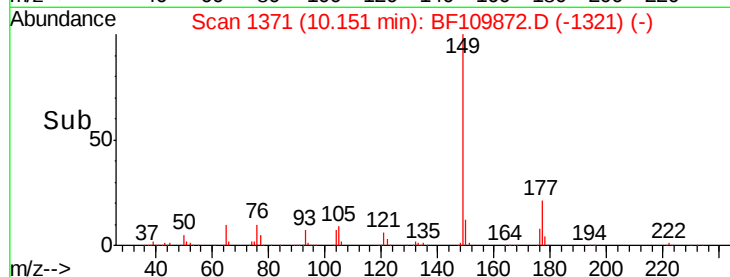
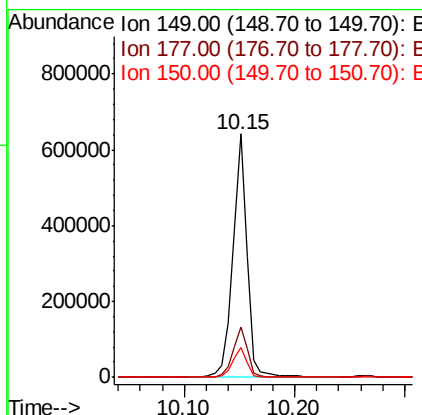
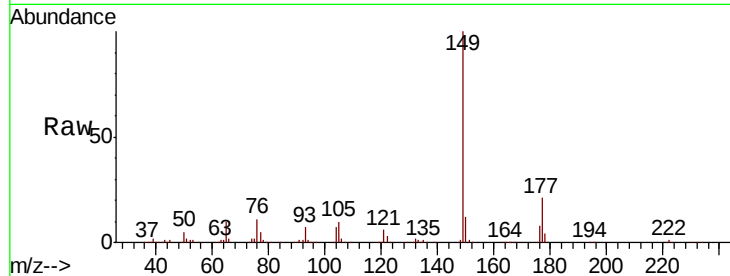
#59
Diethylphthalate
Concen: 49.193 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	12.2	9.8	14.8

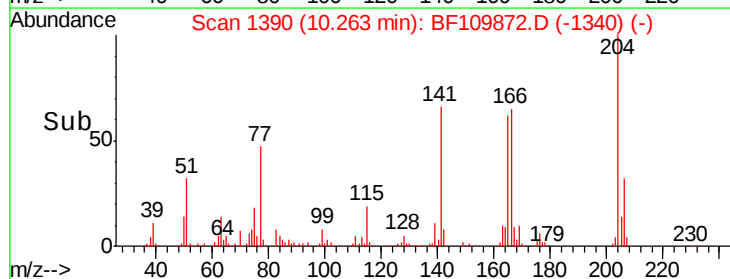
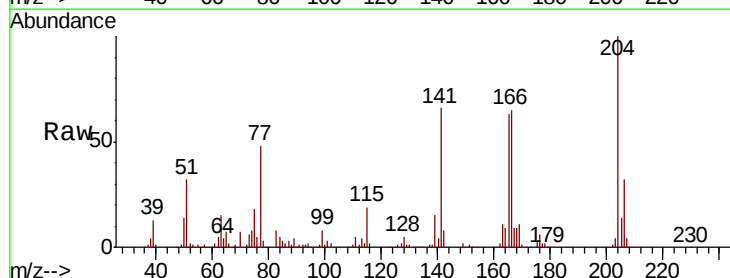
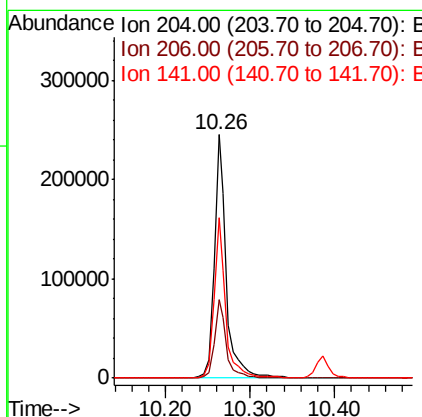
Manual Integrations
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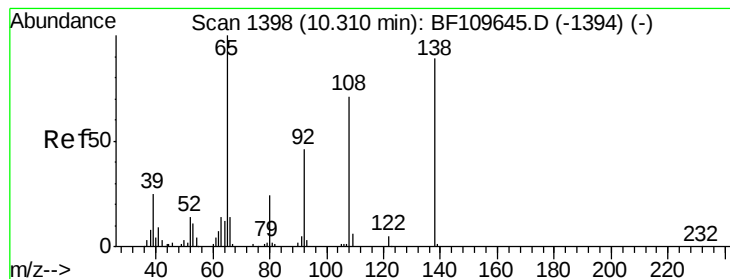
Sohil
10/15/2018 10:28:54 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.841 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	65.9	51.8	77.8





#61

4-Nitroaniline

Concen: 35.492 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

PB113699BSD

Tot Ion: 138 Resp: 95396

Ion Ratio Lower Upper

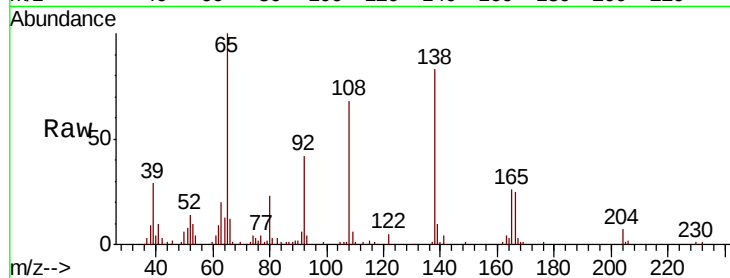
138 100

92 50.2 31.7 71.7

108 81.1 59.3 99.3

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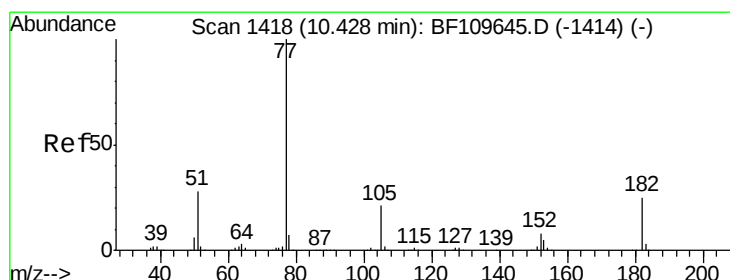
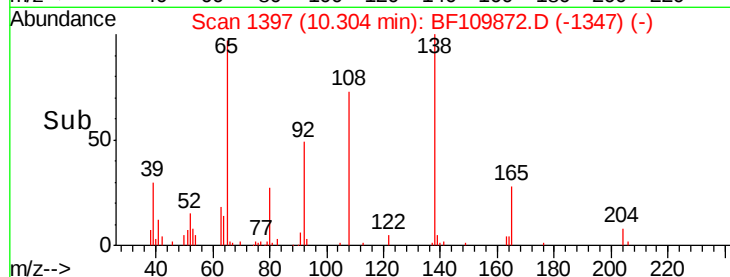
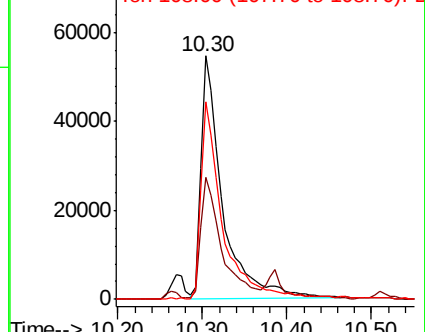
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.866 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion: 77 Resp: 551198

Ion Ratio Lower Upper

77 100

182 23.4 4.3 44.3

105 20.8 1.3 41.3

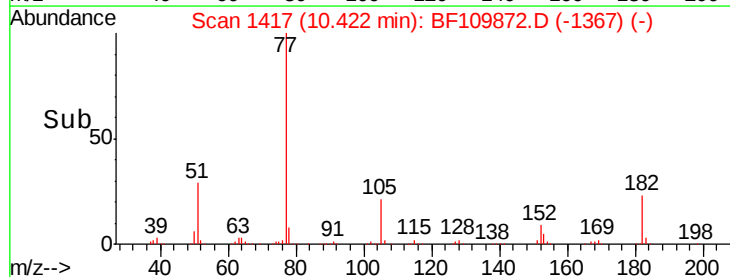
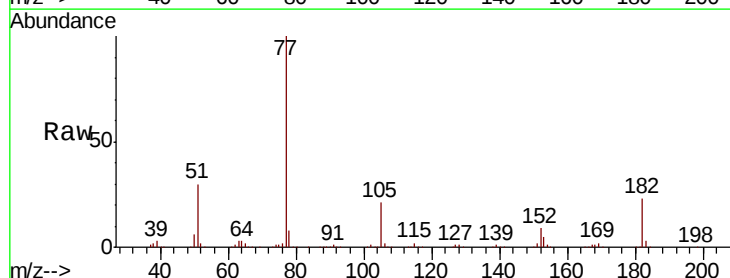
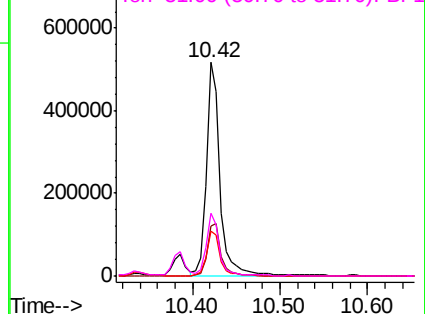
51 29.5 9.0 49.0

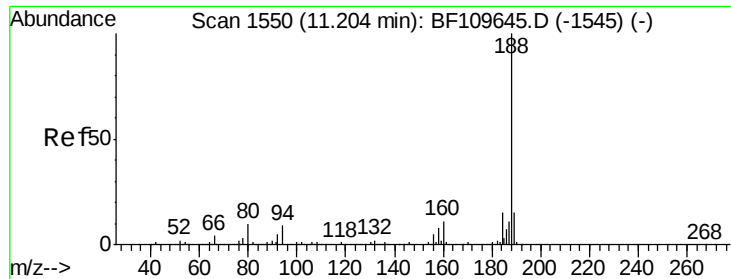
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





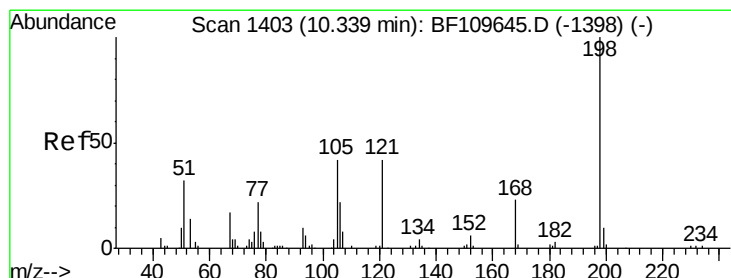
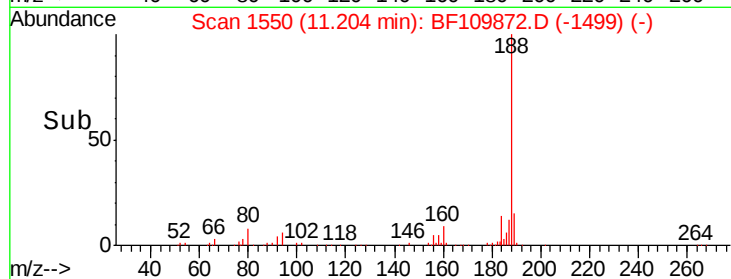
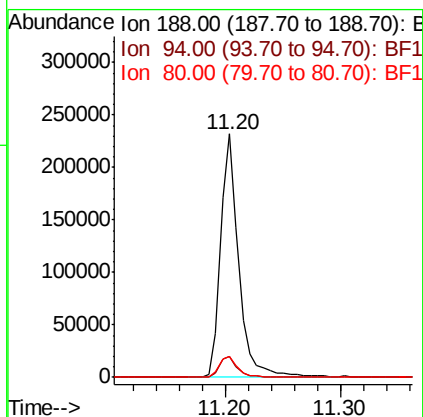
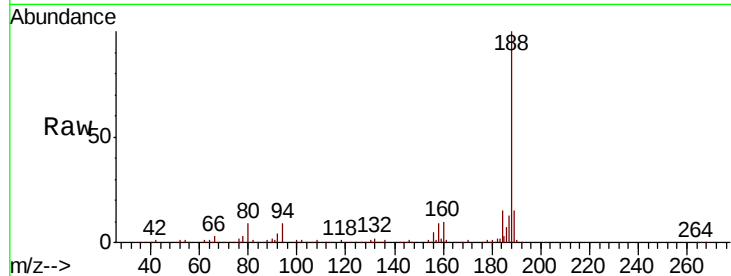
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	253231		
94	8.8		7.2	10.8
80	8.7		7.9	11.9

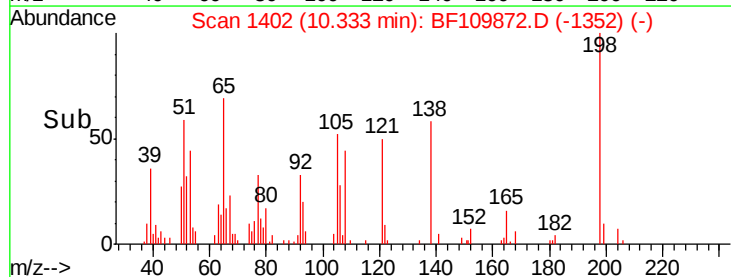
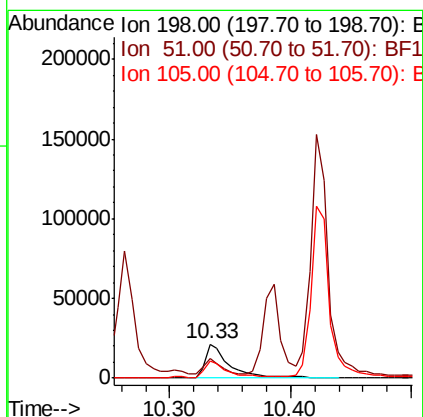
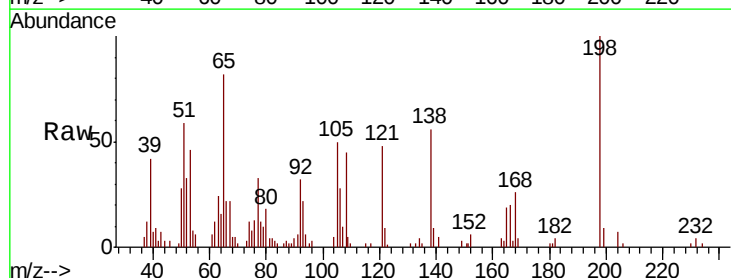
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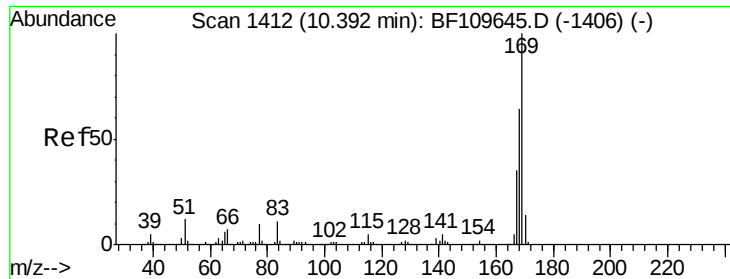
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.020 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29606		
51	59.5		22.8	62.8
105	50.2		23.6	63.6





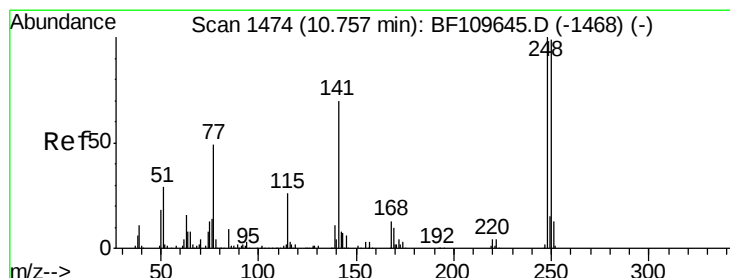
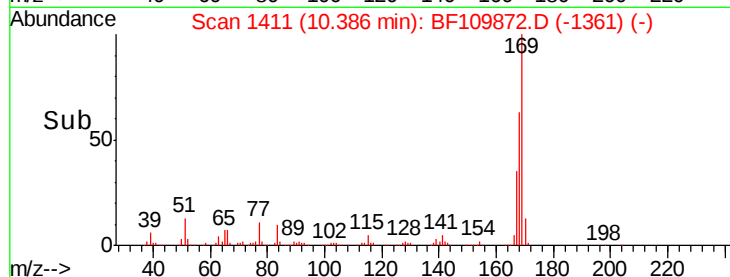
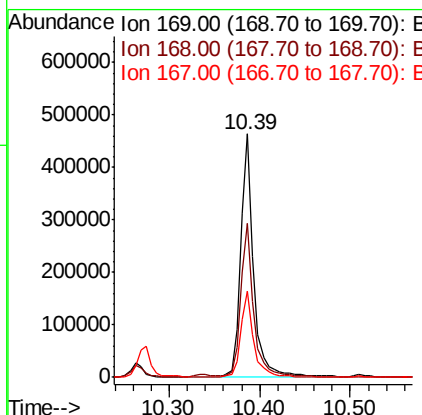
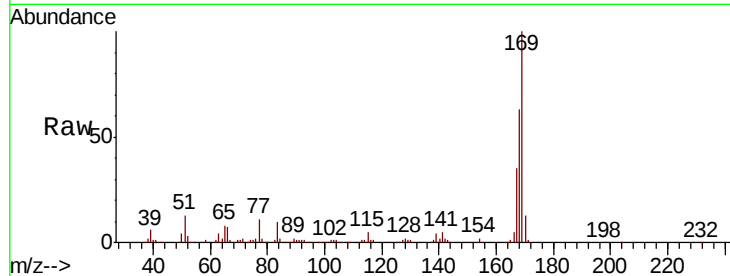
#65
n-Nitrosodiphenylamine
Concen: 54.236 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	465594		
168	63.1	51.2	76.8	
167	35.4	27.8	41.6	

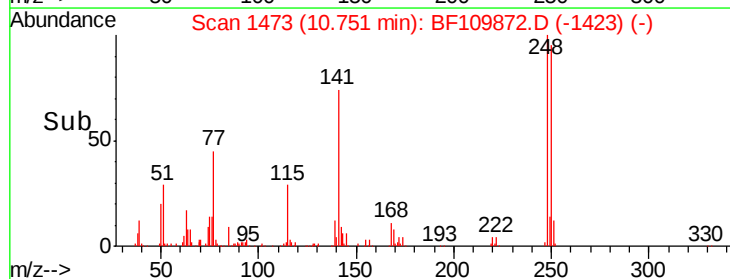
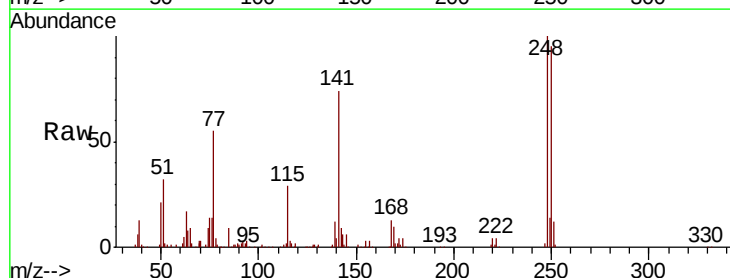
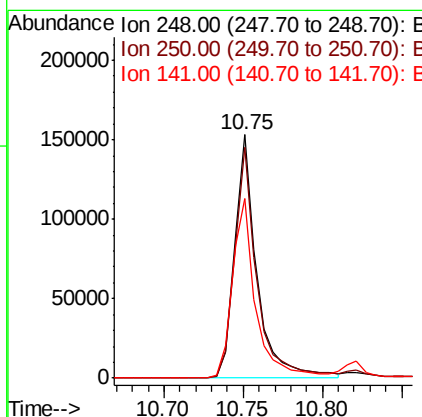
Manual Integrations
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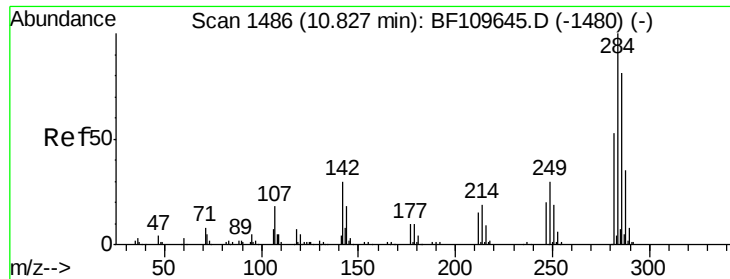
Sohil
10/15/2018 10:28:54 AM



#66
4-Bromophenyl-phenylether
Concen: 51.844 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	150849		
250	95.0	79.4	119.2	
141	73.8	55.9	83.9	





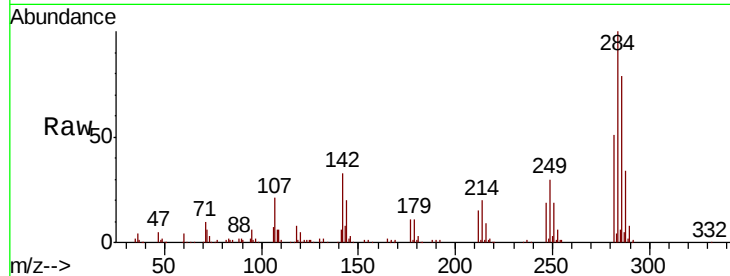
#67
Hexachlorobenzene
Concen: 47.084 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

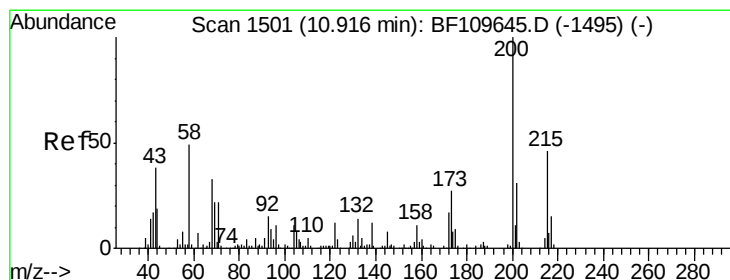
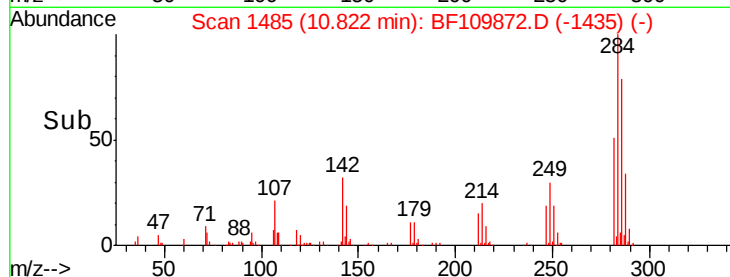
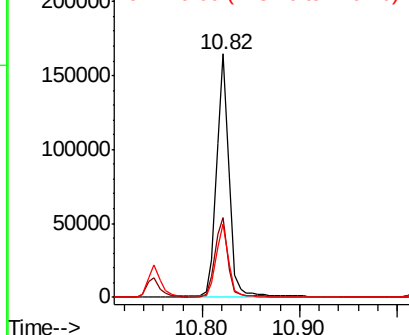
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.6	23.9	35.9	
249	30.2	24.2	36.2	

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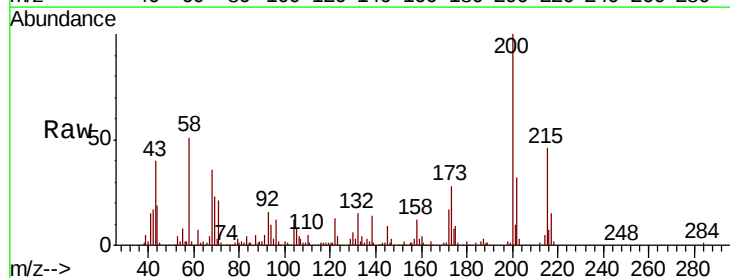


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

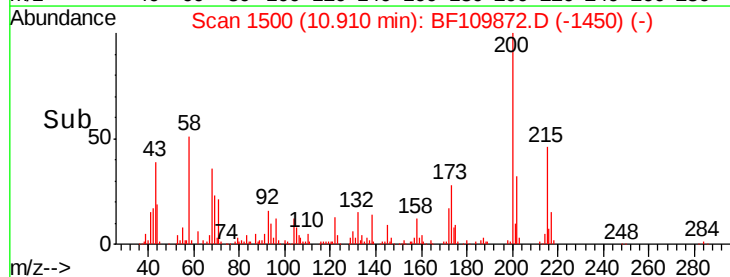
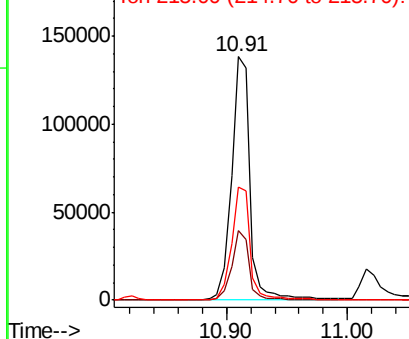


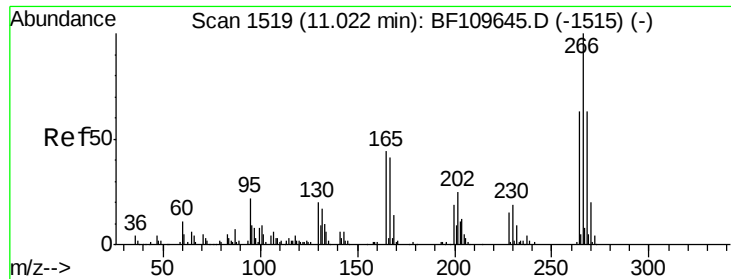
#68
Atrazine
Concen: 54.837 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	6.6	46.6	
215	46.4	26.3	66.3	



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





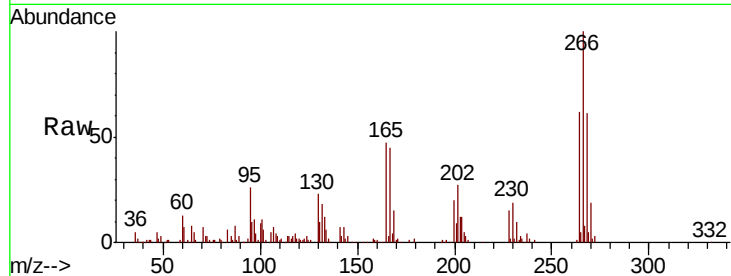
#69
 Pentachlorophenol
 Concen: 72.940 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	129318		
268	61.4	50.6	75.8	
264	62.3	50.6	75.8	

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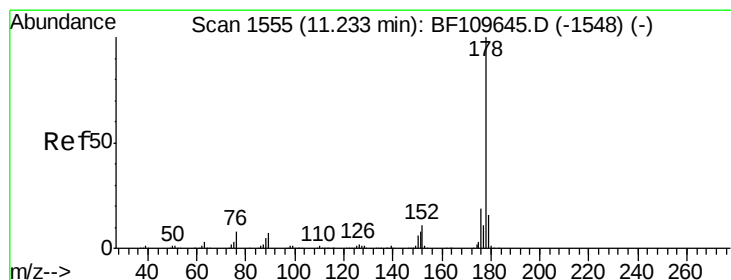
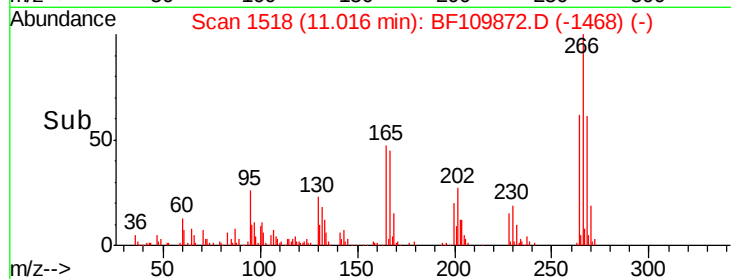
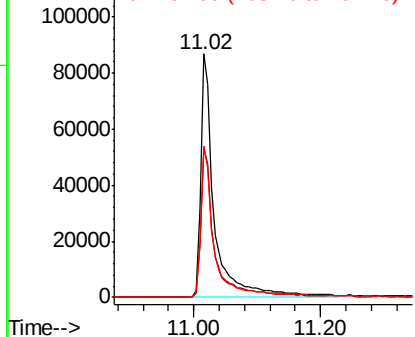


Abundance

Ion 265.70 (265.40 to 266.40): E

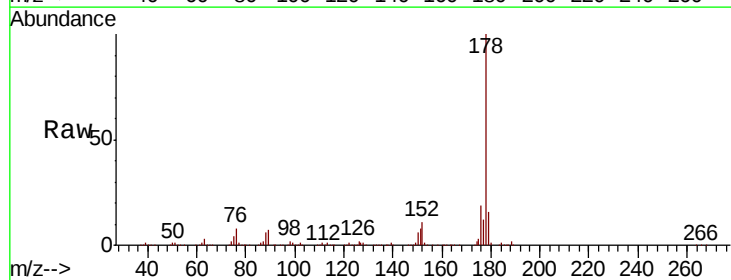
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 49.319 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	625002		
176	19.5	15.5	23.3	
179	15.6	12.5	18.7	

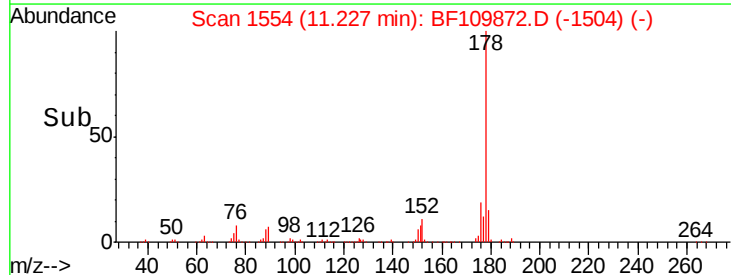
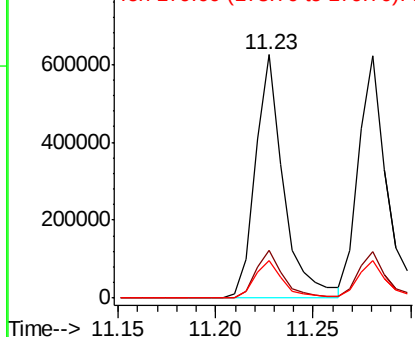


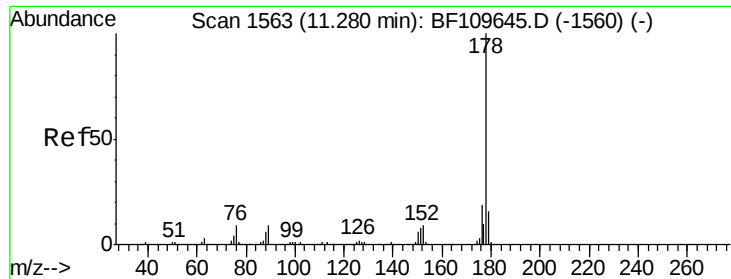
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





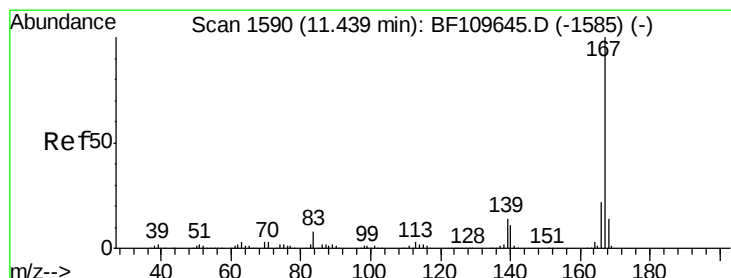
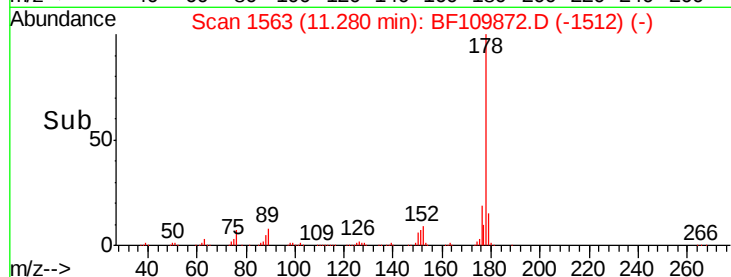
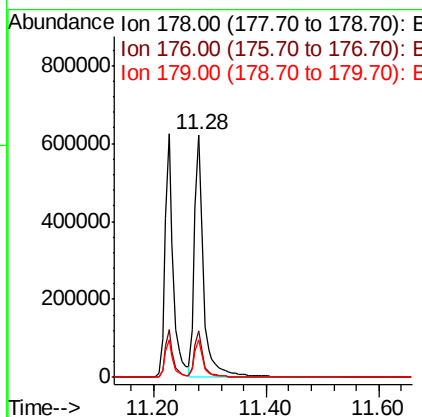
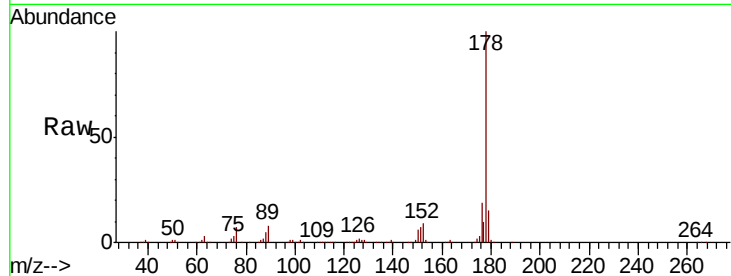
#71
 Anthracene
 Concen: 52.369 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

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

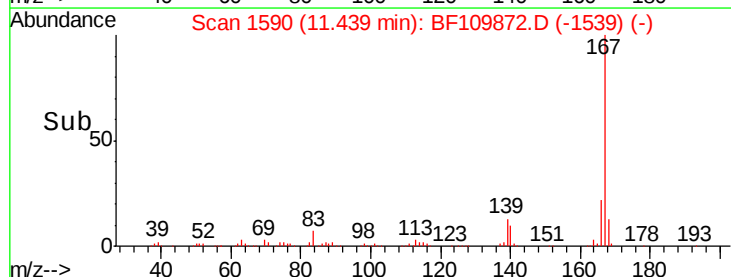
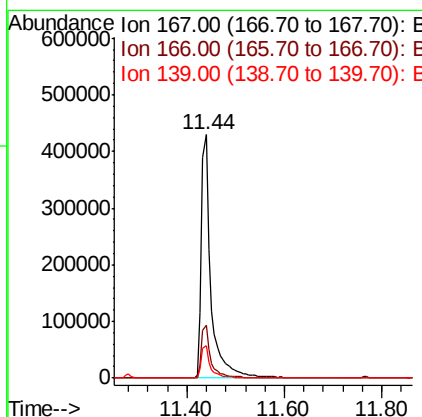
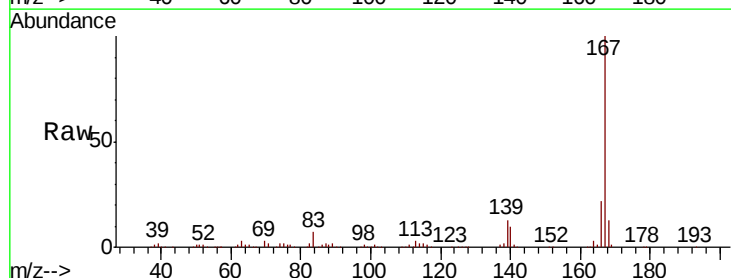
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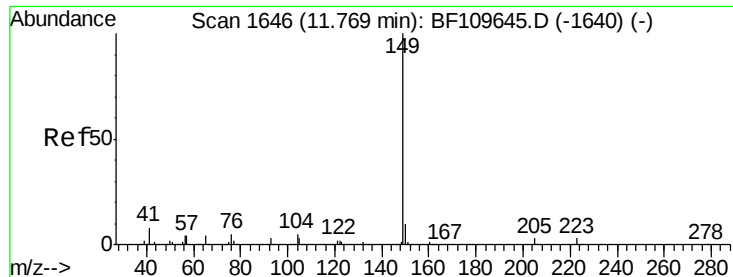
Sohil
 10/15/2018 10:28:54 AM



#72
 Carbazole
 Concen: 46.079 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 52.161 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

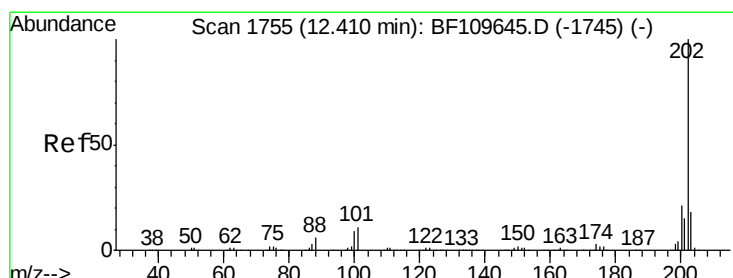
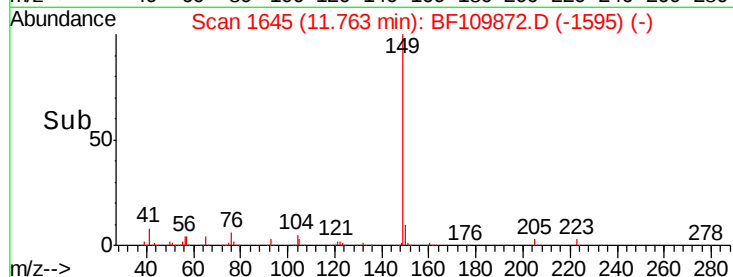
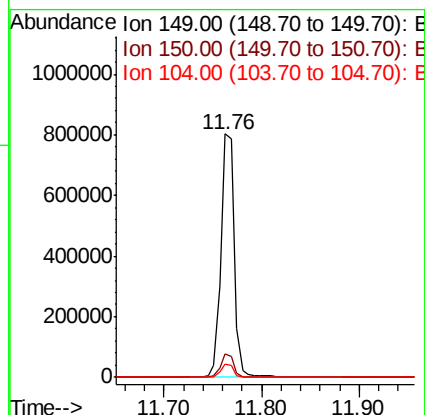
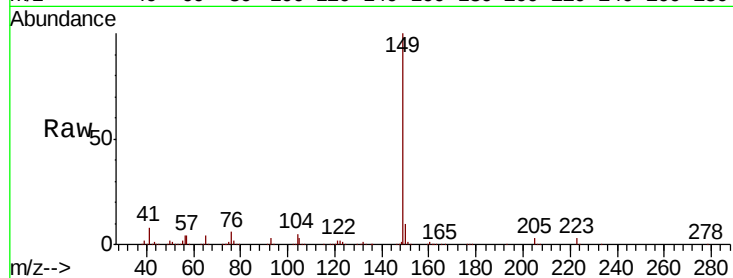
ClientSampleId :

PB113699BSD

Tot Ion:	149	Resp:	768658
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.4

Manual Integrations
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#74

Fluoranthene

Concen: 45.936 ng

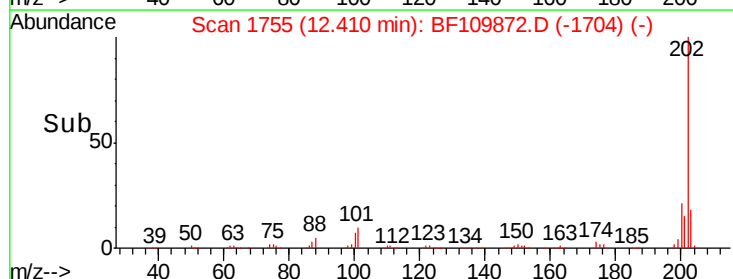
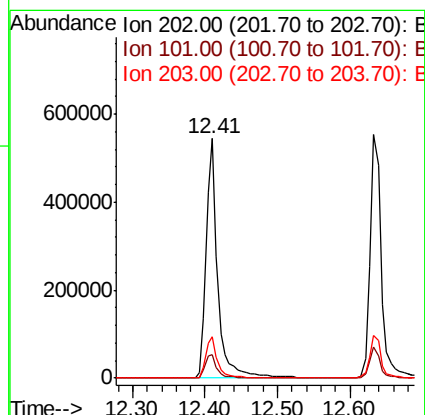
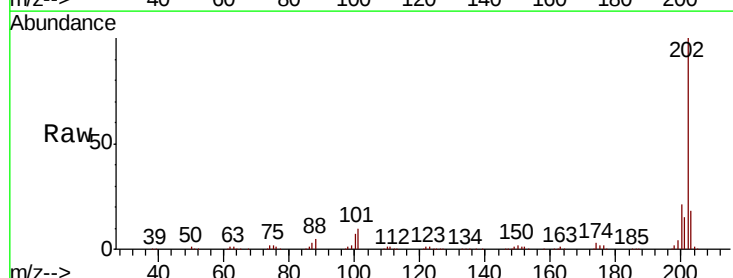
RT: 12.41 min Scan# 1755

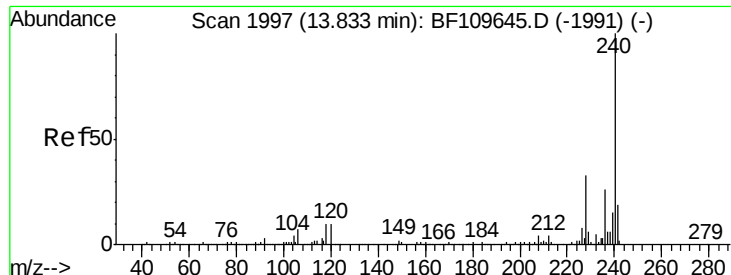
Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	202	Resp:	608146
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.4
203	17.5	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

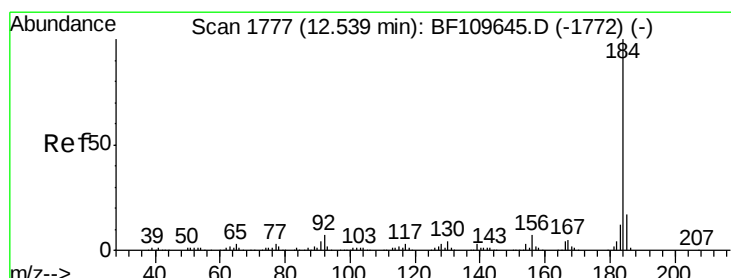
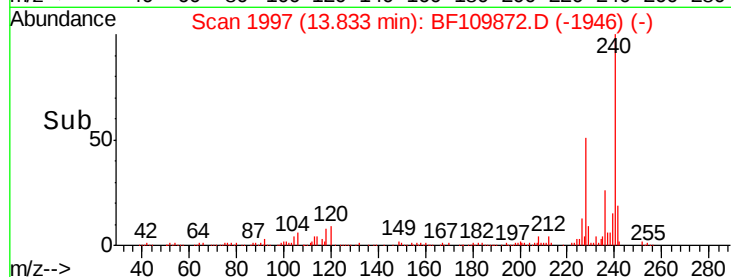
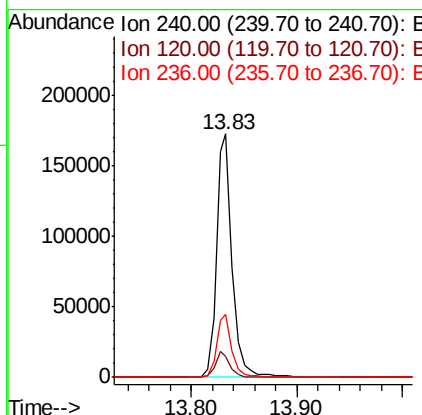
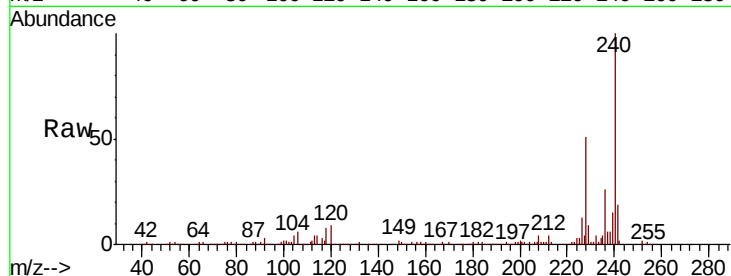
ClientSampleId :

PB113699BSD

Tot Ion:	240	Resp:	180311
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.3	12.5
236	26.1	21.2	31.8

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#76

Benzidine

Concen: 45.140 ng

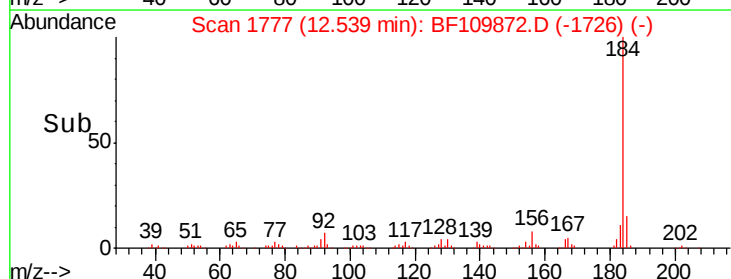
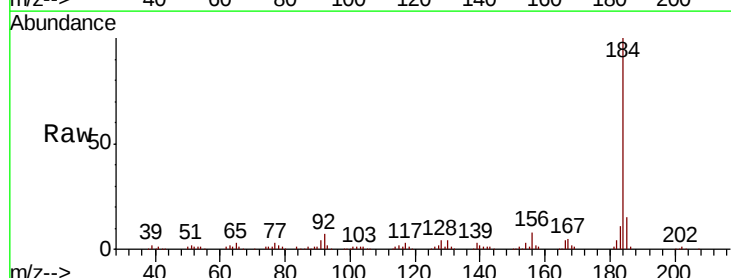
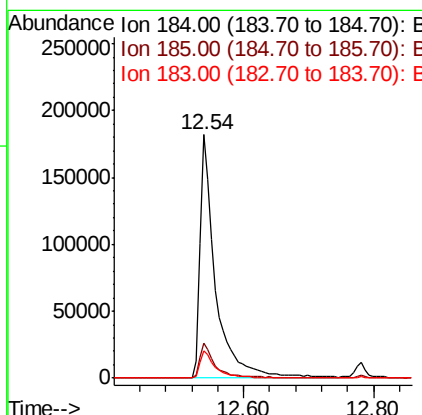
RT: 12.54 min Scan# 1777

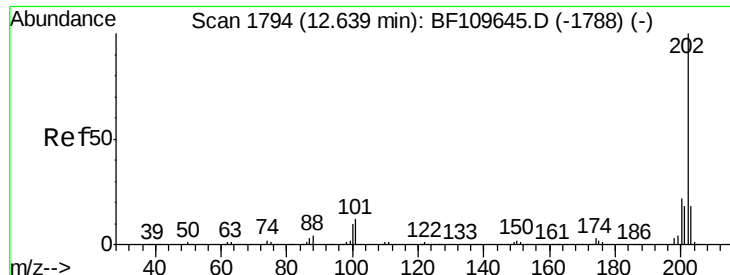
Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:	184	Resp:	302354
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	11.4	9.4	14.2





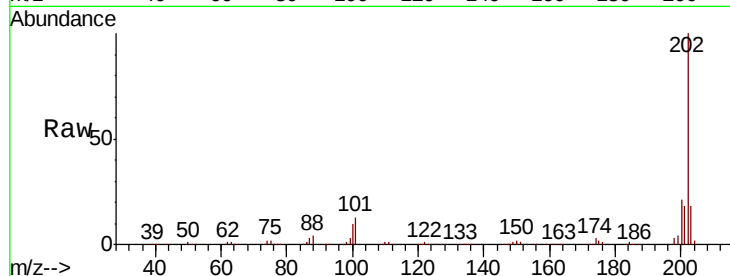
#77
Pvrene
Concen: 45.096 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.5	14.2	21.4

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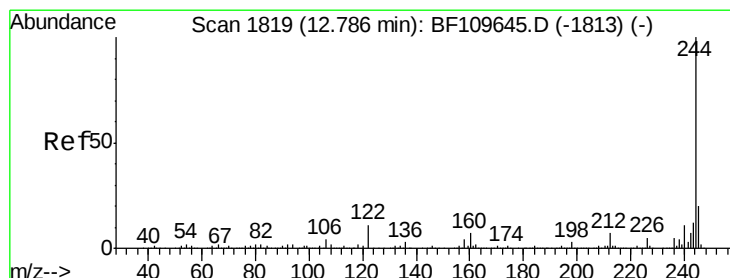
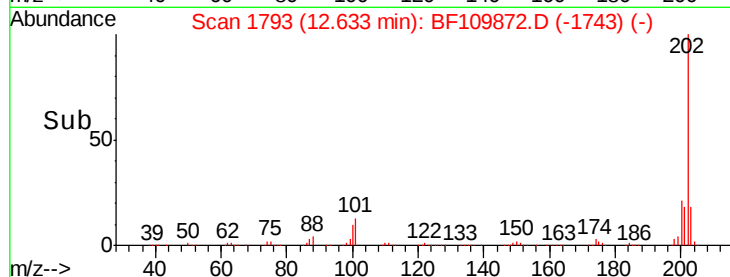
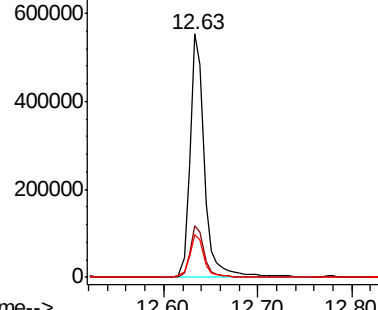


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 90.729 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

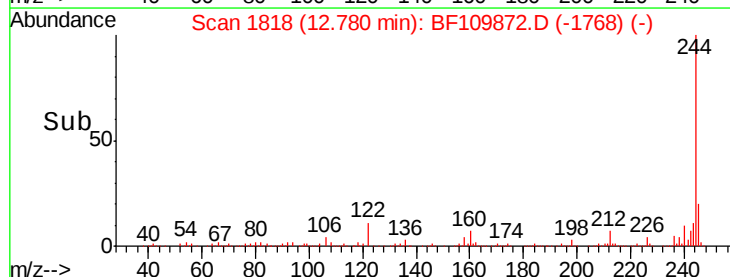
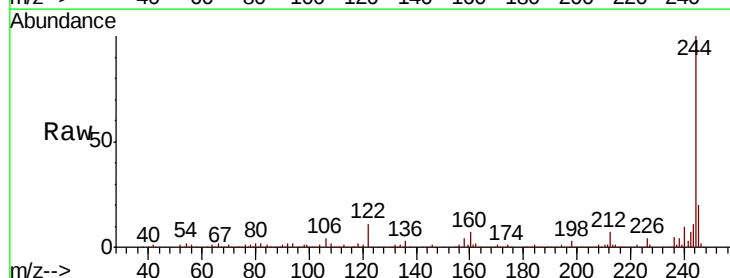
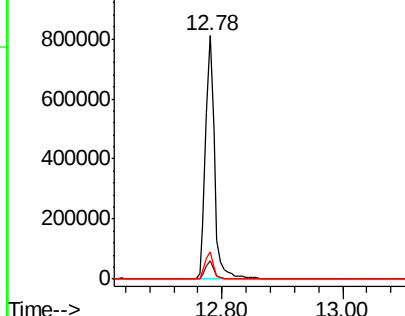
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.2	8.7	13.1

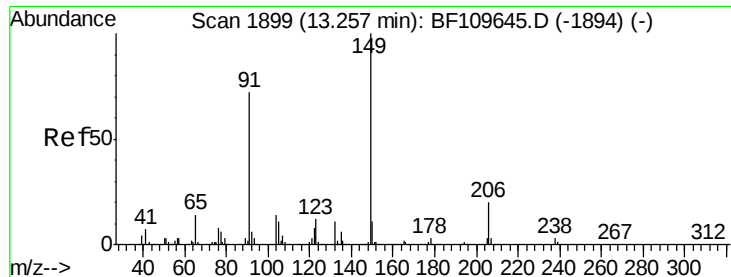
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





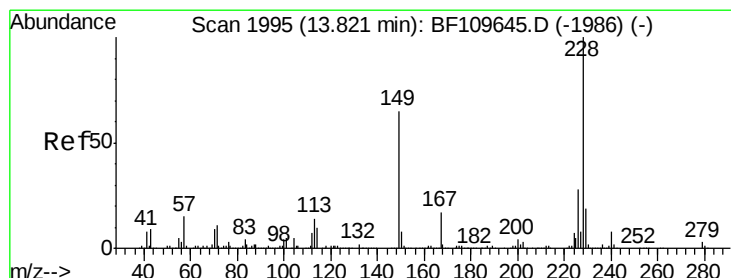
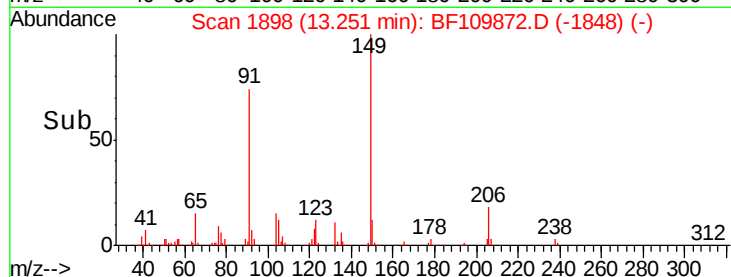
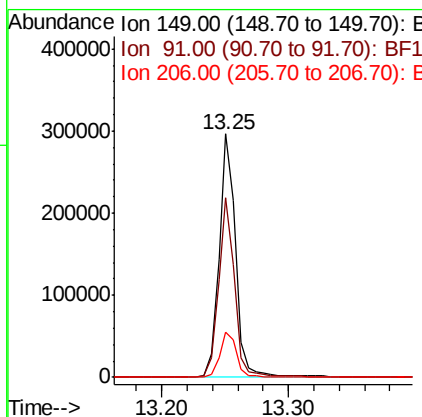
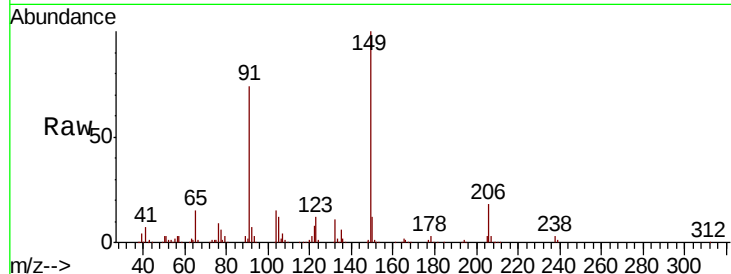
#79
Butylbenzylphthalate
Concen: 47.514 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	272141		
91	73.6	57.2	85.8	
206	18.4	15.7	23.5	

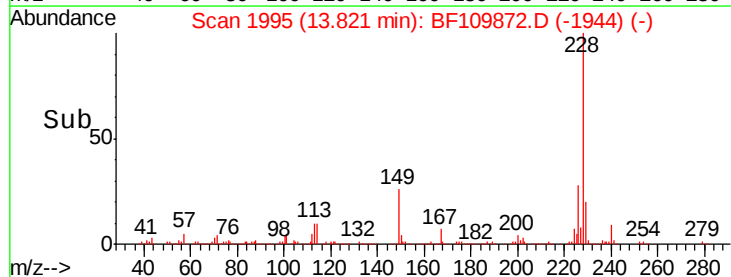
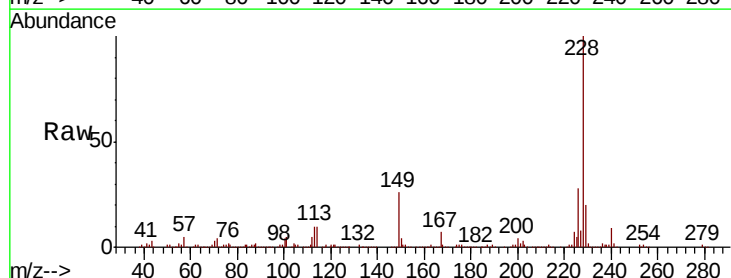
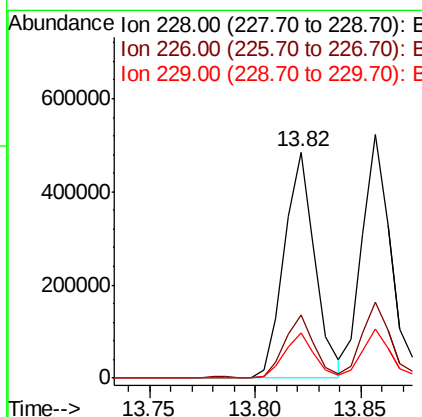
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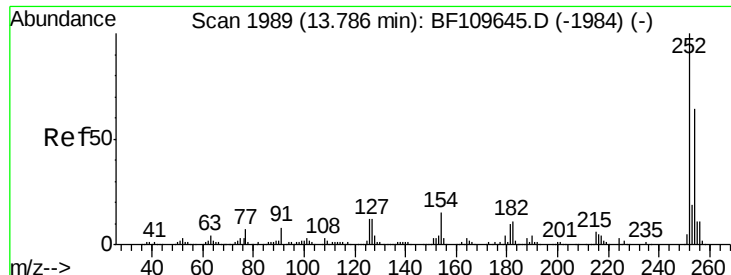
Sohil
10/15/2018 10:28:54 AM



#80
Benzo(a)anthracene
Concen: 49.584 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	493372		
226	27.7	22.1	33.1	
229	20.0	15.6	23.4	





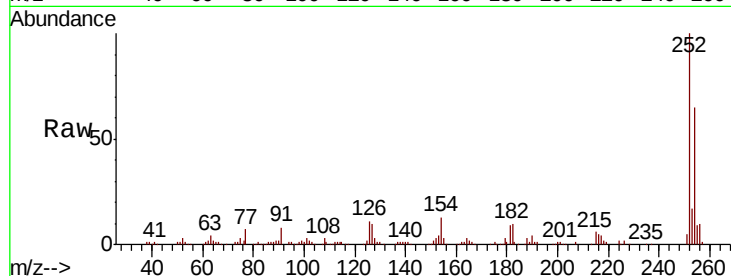
#81
 3,3'-Dichlorobenzidine
 Concen: 44.302 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

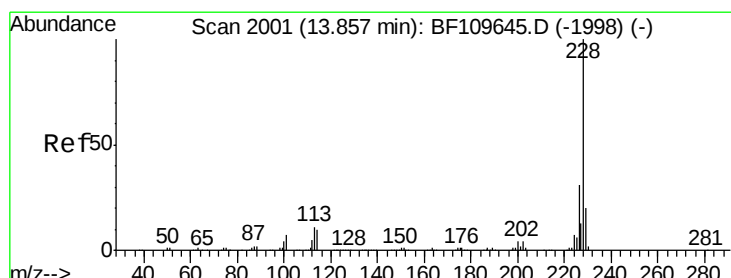
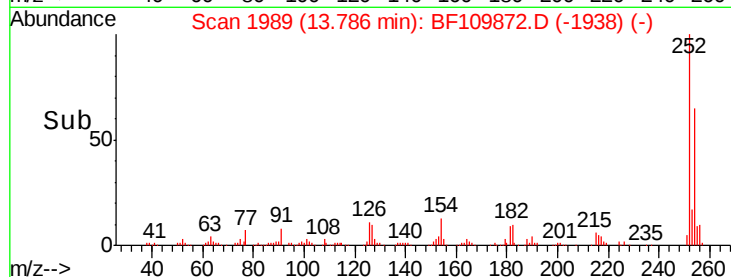
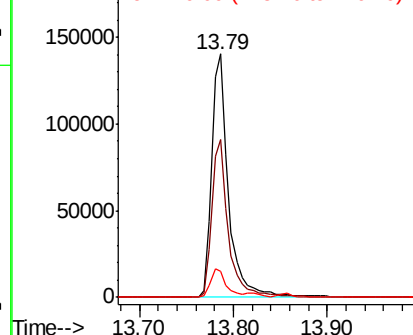
Tot Ion	Ratio	Resp	Lower	Upper
252	100	177499		
254	64.9	51.3	76.9	
126	10.6	9.4	14.2	

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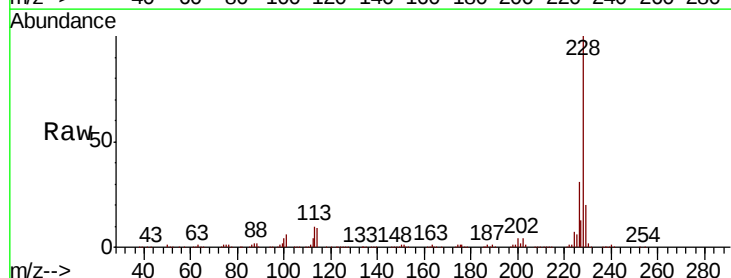


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

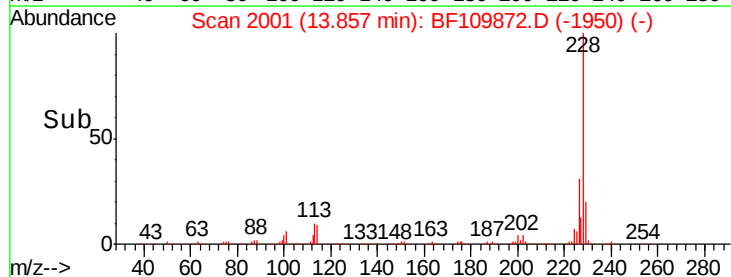
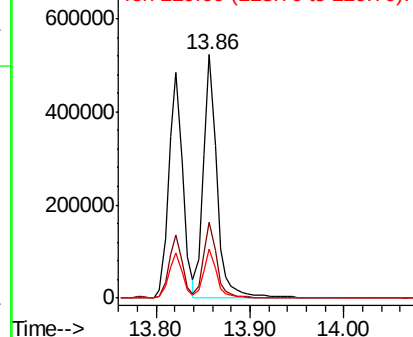


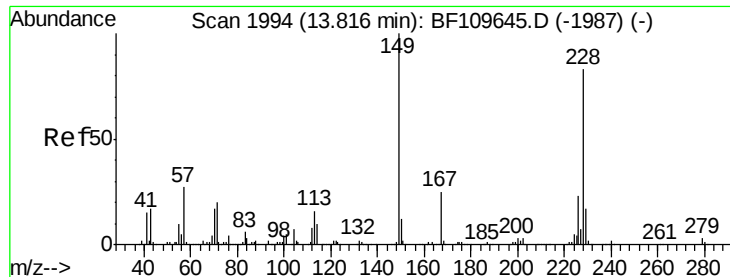
#82
 Chrysene
 Concen: 50.302 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	525740		
226	31.2	24.7	37.1	
229	19.9	15.9	23.9	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.855 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109872.D

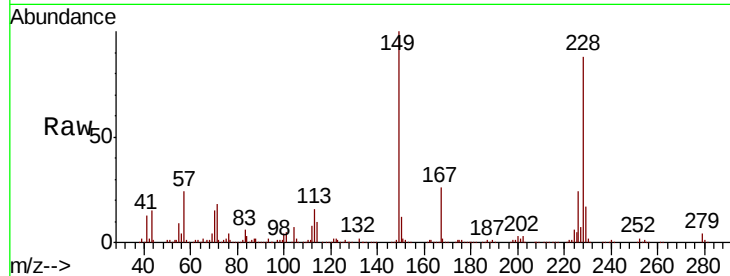
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	362356		
167	26.1	19.8	29.8	
279	3.9	2.7	4.1	

Manual Integrations
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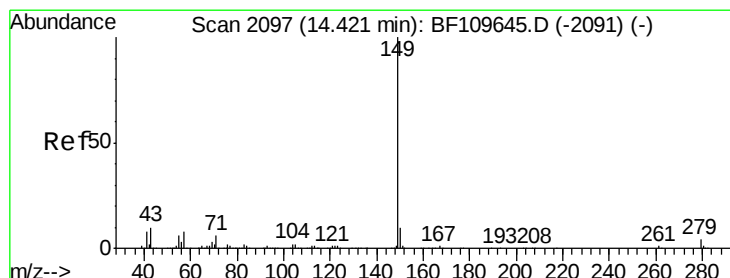
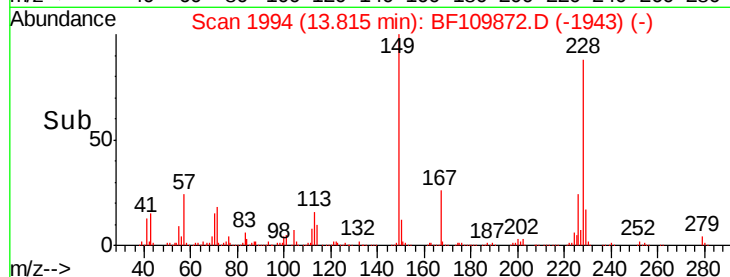
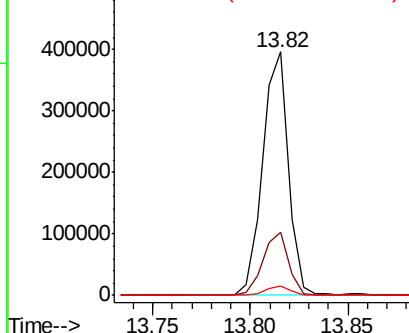


Abundance

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: 57.476 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

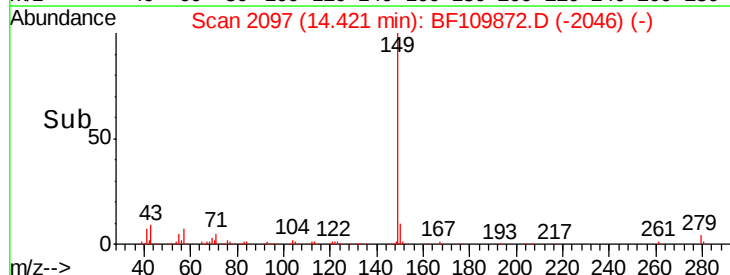
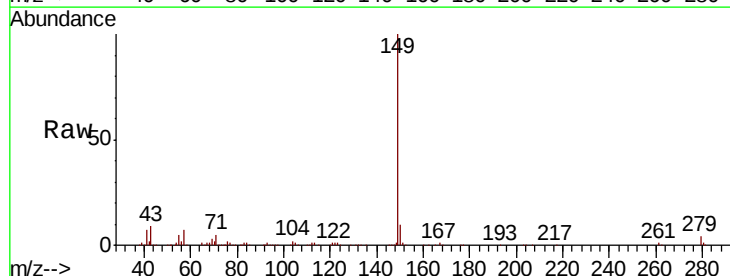
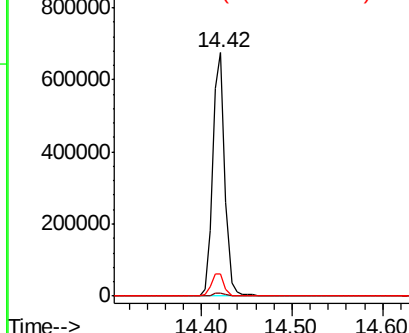
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	634837		
167	1.4	1.1	1.7	
43	10.2	7.8	11.8	

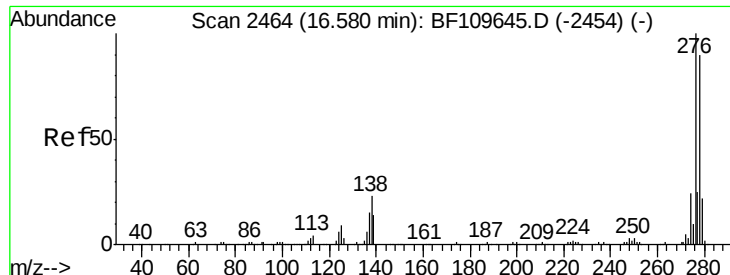
Abundance

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





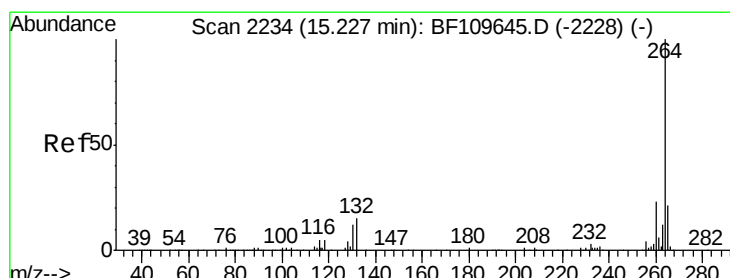
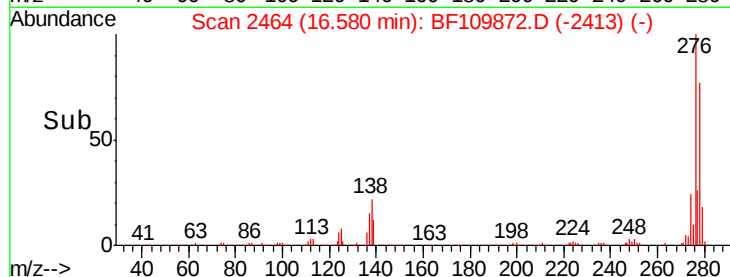
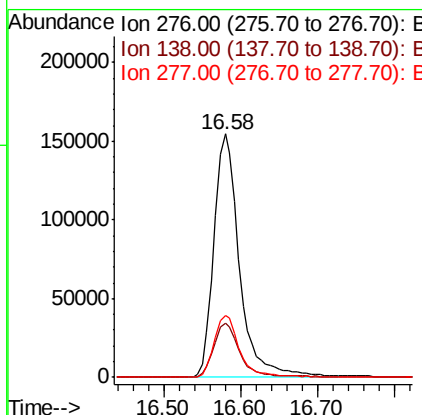
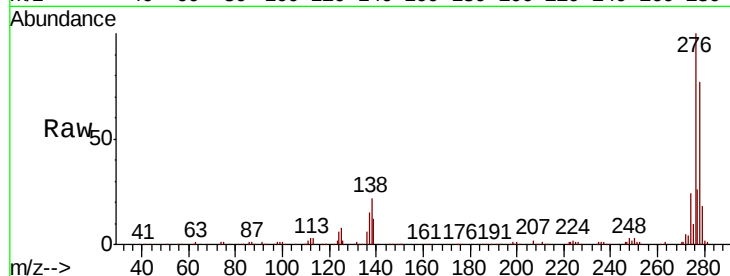
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.470 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	25.2	20.0	30.0

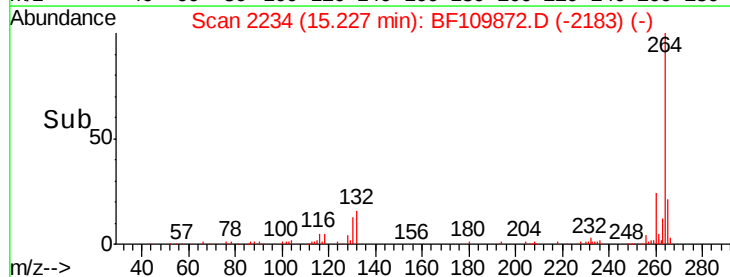
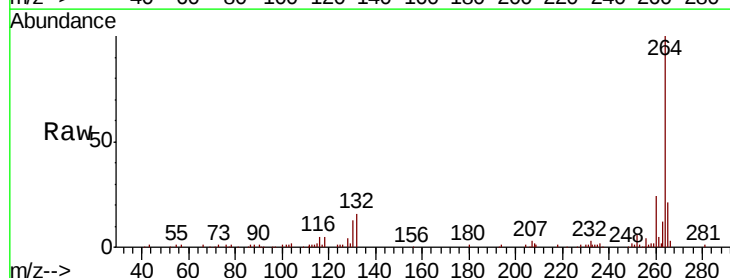
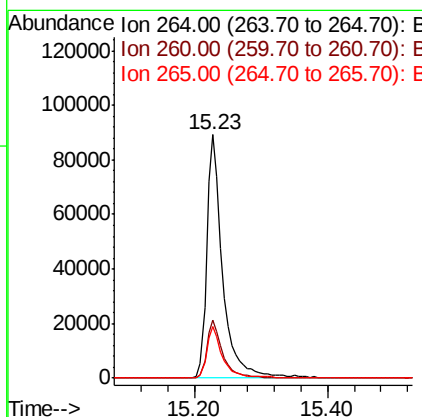
Manual Integrations
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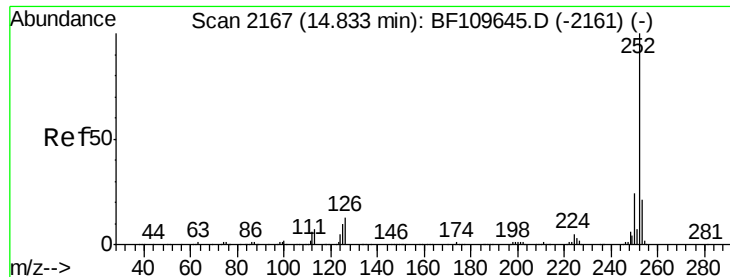
Sohil
10/15/2018 10:28:54 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.0	16.7	25.1





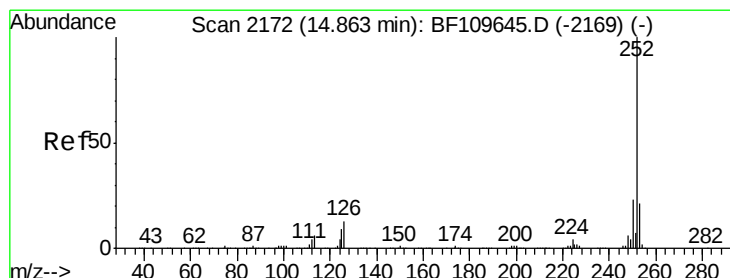
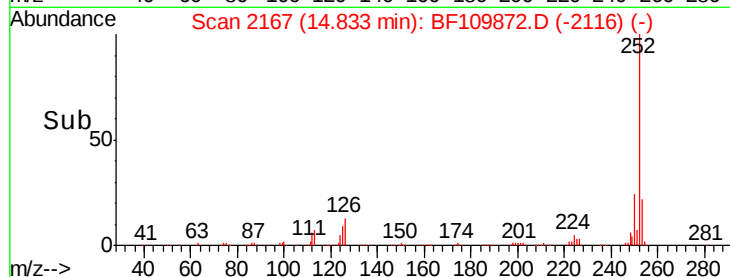
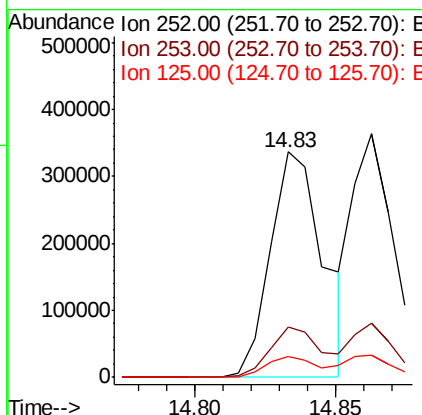
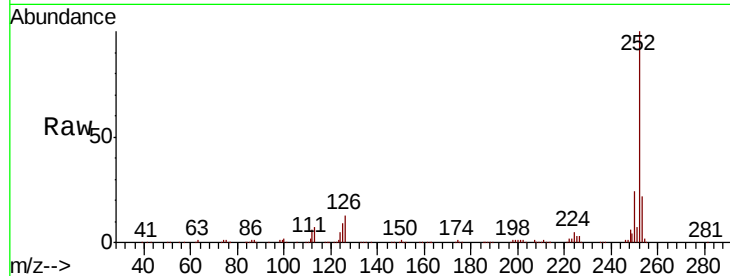
#87
Benzo(b)fluoranthene
Concen: 53.553 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.4	8.2	12.4

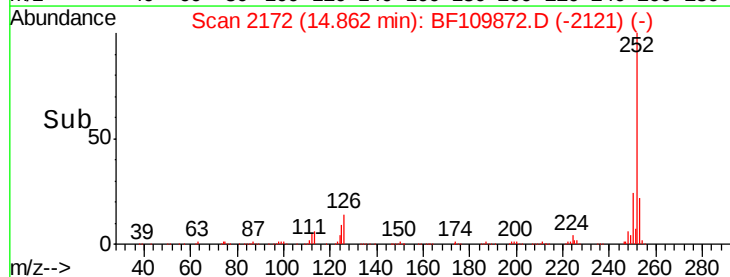
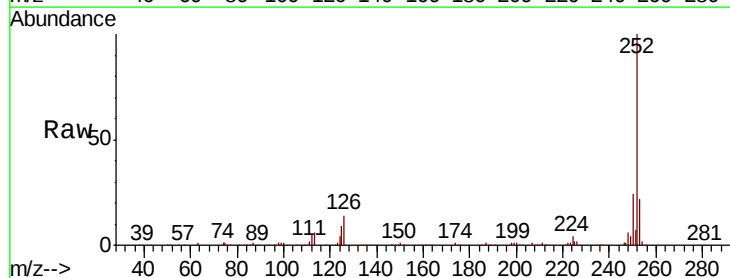
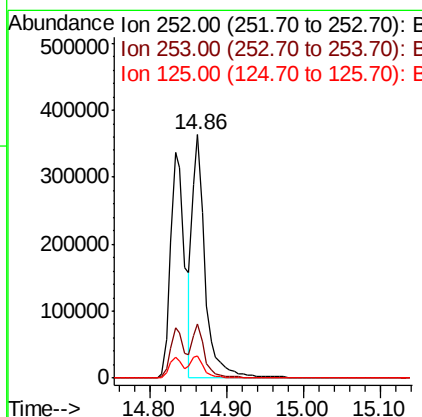
Manual Integrations
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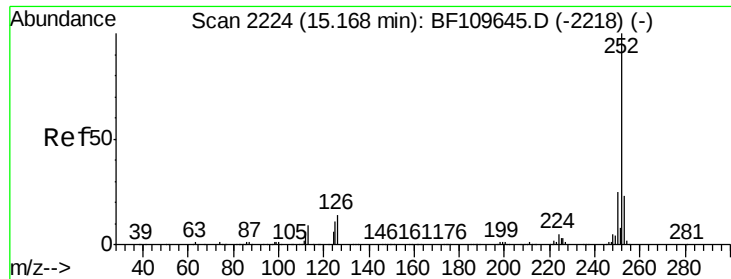
Sohil
10/15/2018 10:28:54 AM



#88
Benzo(k)fluoranthene
Concen: 51.116 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.9	7.4	11.0





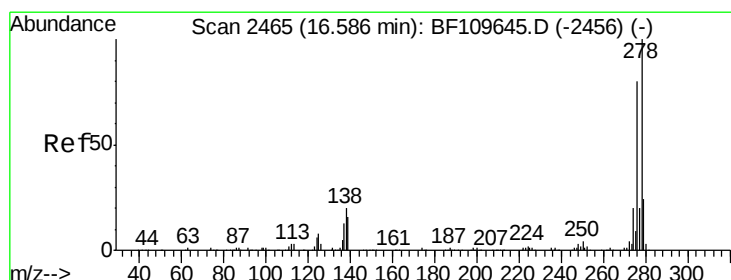
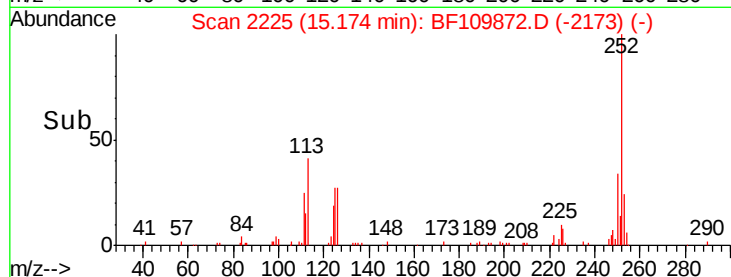
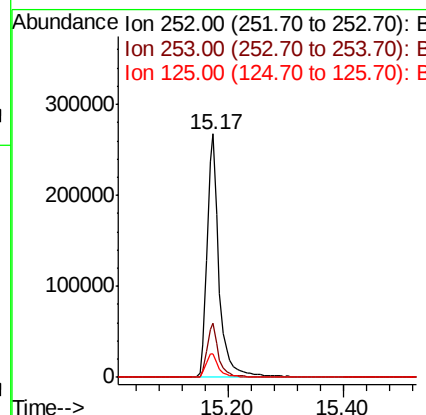
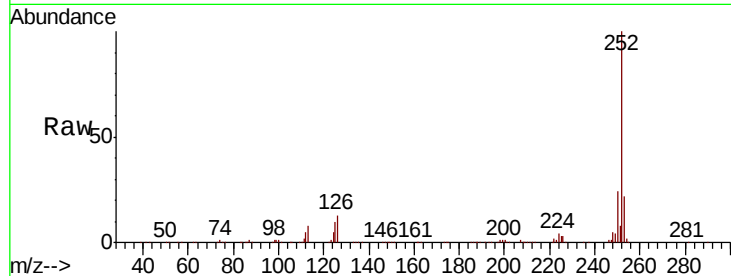
#89
Benzo(a)pyrene
Concen: 52.246 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :
PB113699BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.7	9.0	13.6

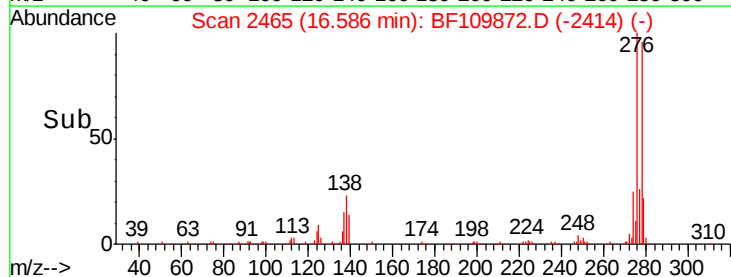
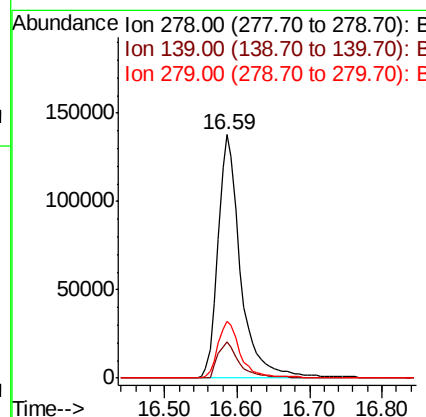
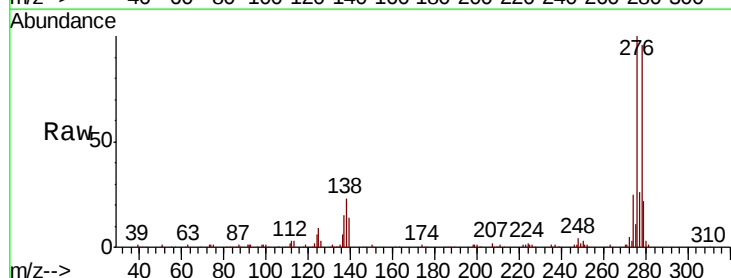
Manual Integrations
APPROVED

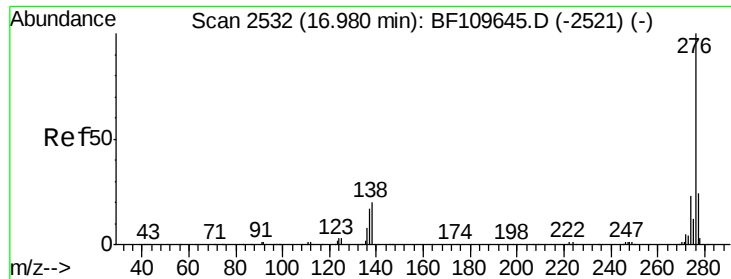
Sohil
10/15/2018 10:28:54 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.152 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.700 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BSD

Tot Ion:	276	Resp:	290210
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.1	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:54 AM

